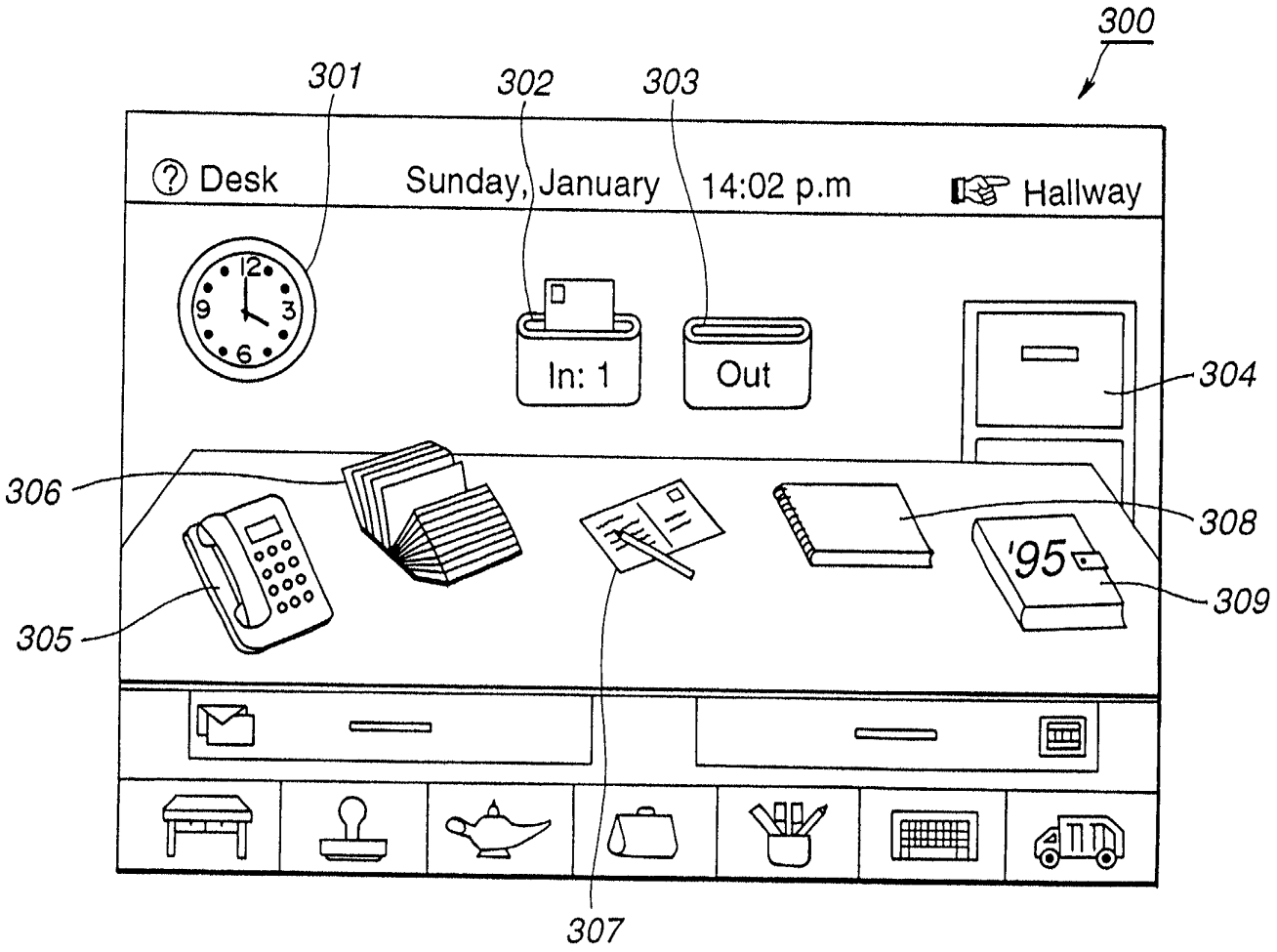
300
301
302
303
Desk
Sunday, January
14:02 p.m
Hallway
In: 1
Out
304
306
308
'95
309
305
307

FIG.1

PUBLISHED BEFORE GRANT

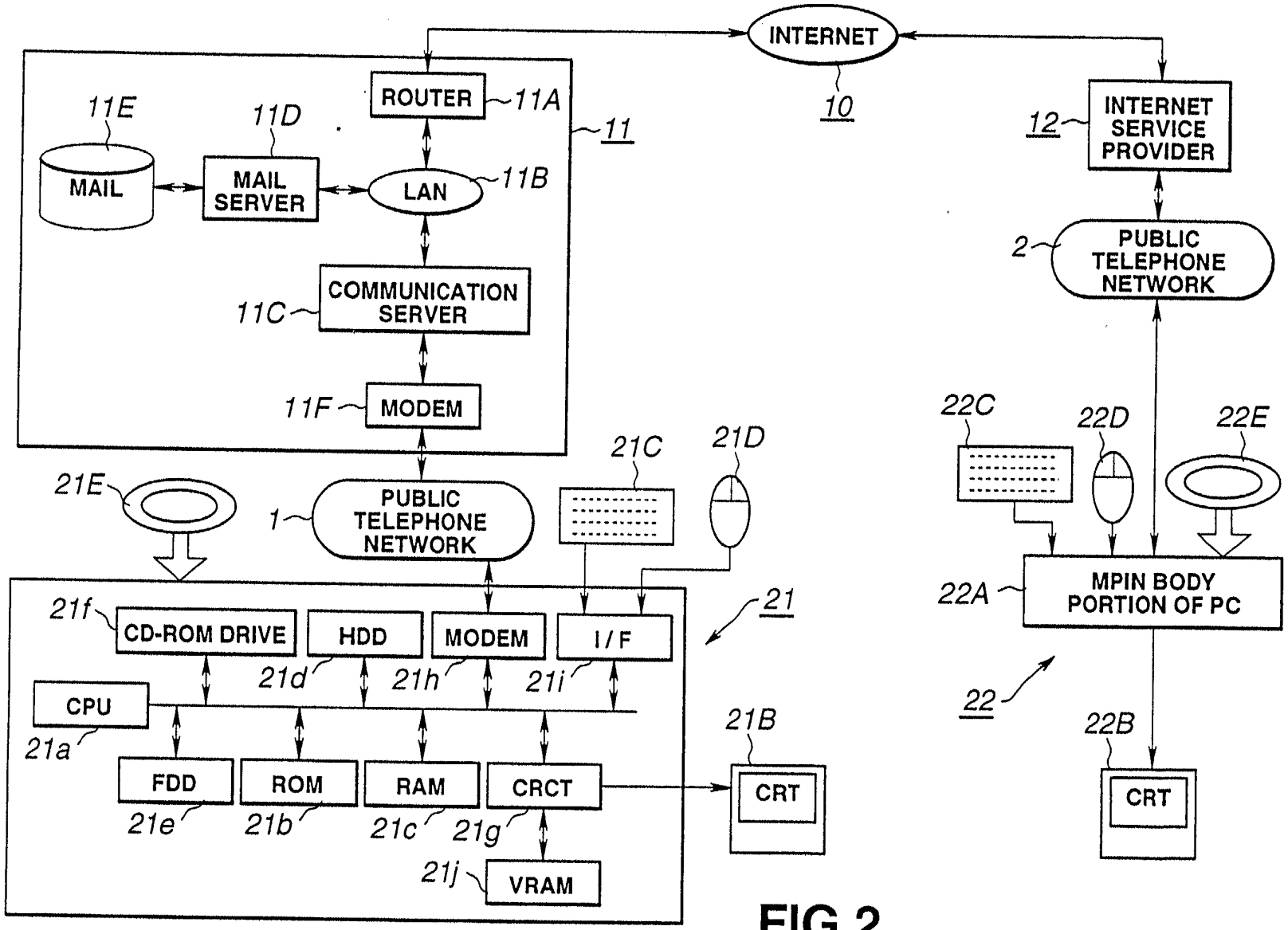

FIG.2

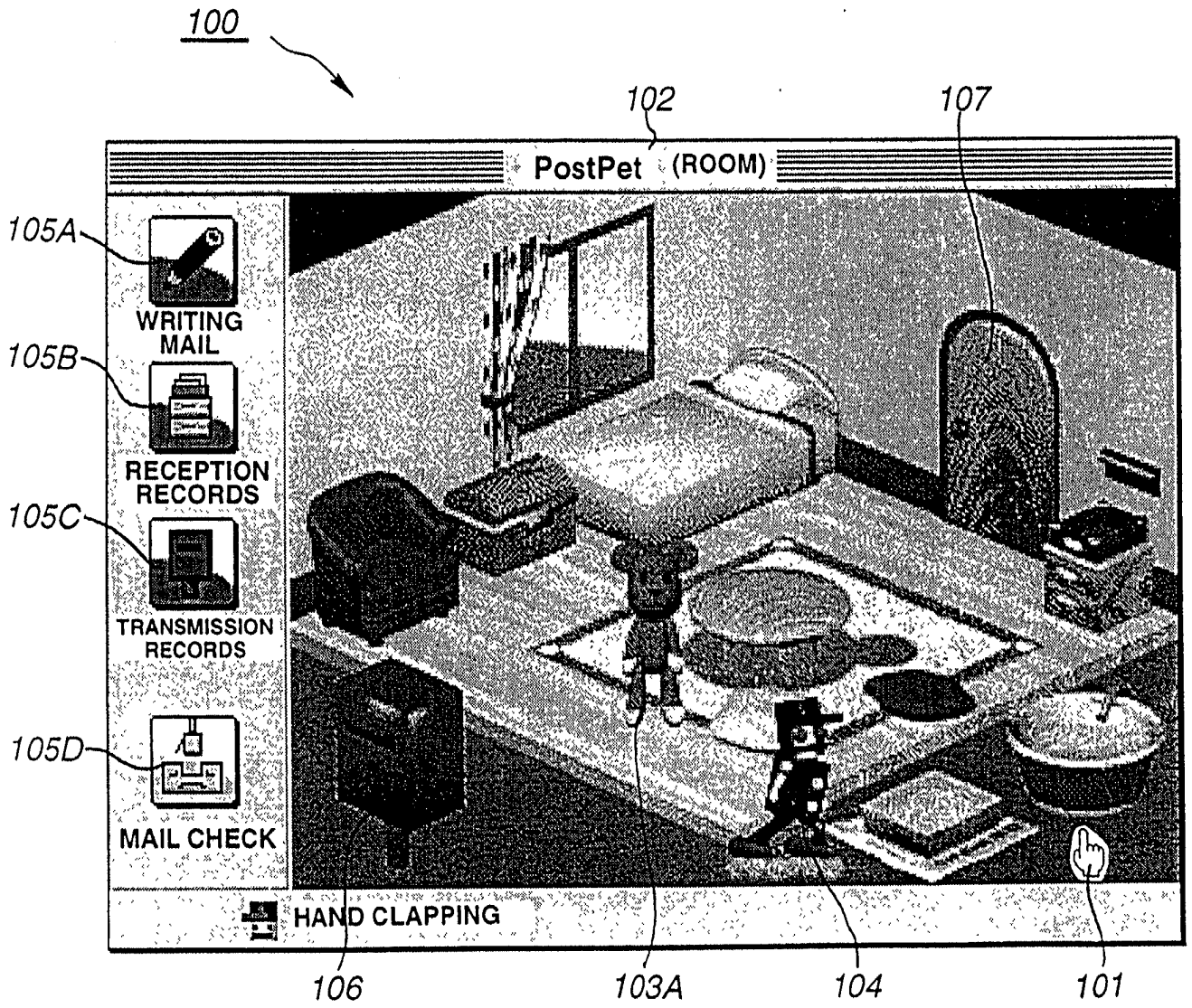
100
102
107
PostPet (ROOM)
105A
WRITING MAIL
105B
RECEPTION RECORDS
105C
TRANSMISSION RECORDS
105D
MAIL CHECK
HAND CLAPPING
106
103A
104
101

FIG.3

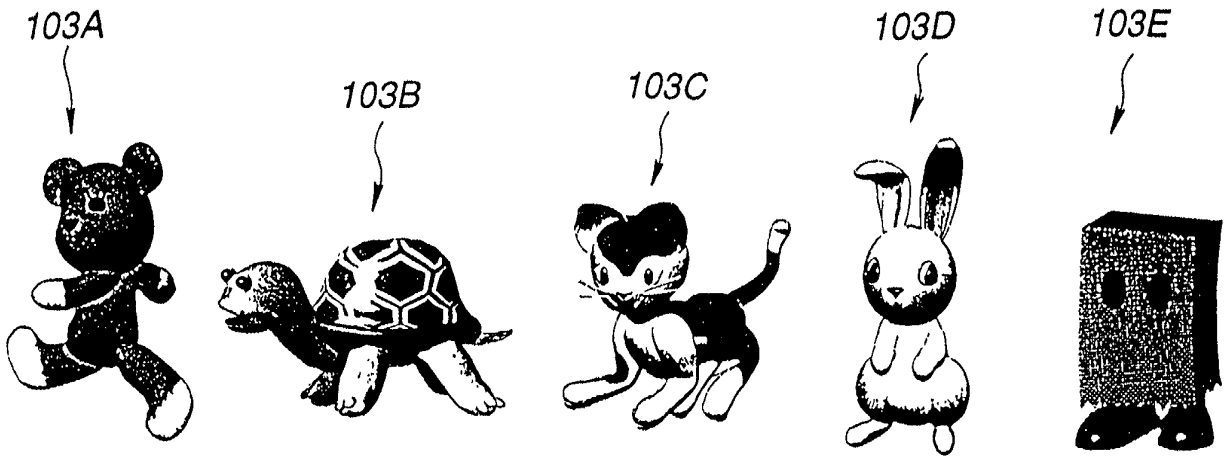

FIG.4

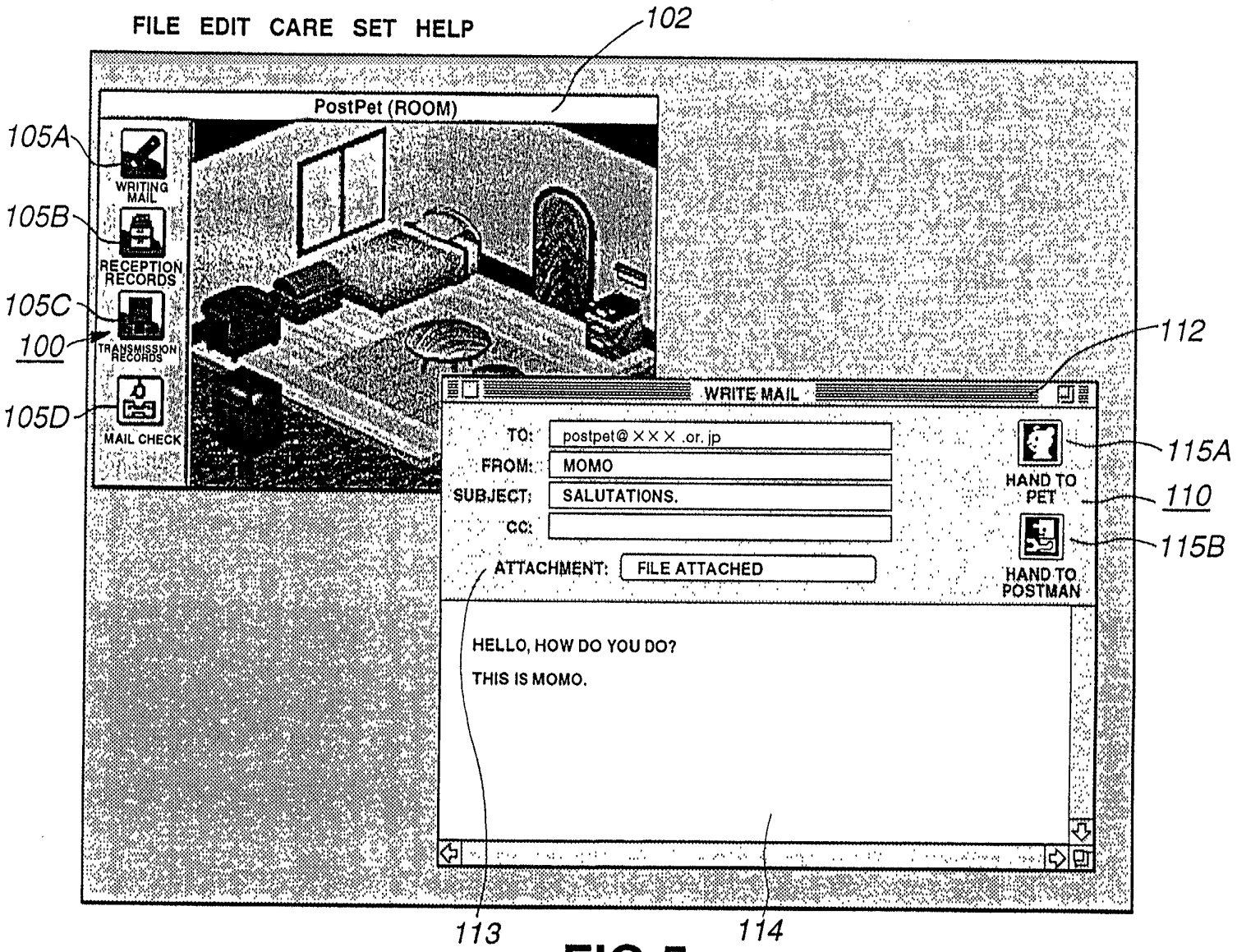
FILE EDIT CARE SET HELP
102
PostPet (ROOM)
105A
WRITING MAIL
105B
RECEPTION RECORDS
105C
100
TRANSMISSION RECORDS
105D
MAIL CHECK
112
WRITE MAIL
TO: postpet@×××.or.jp
FROM: MOMO
SUBJECT: SALUTATIONS.
CC:
ATTACHMENT: FILE ATTACHED
HAND TO PET
115A
110
HAND TO POSTMAN
115B
HELLO, HOW DO YOU DO?
THIS IS MOMO.
113
114

FIG.5

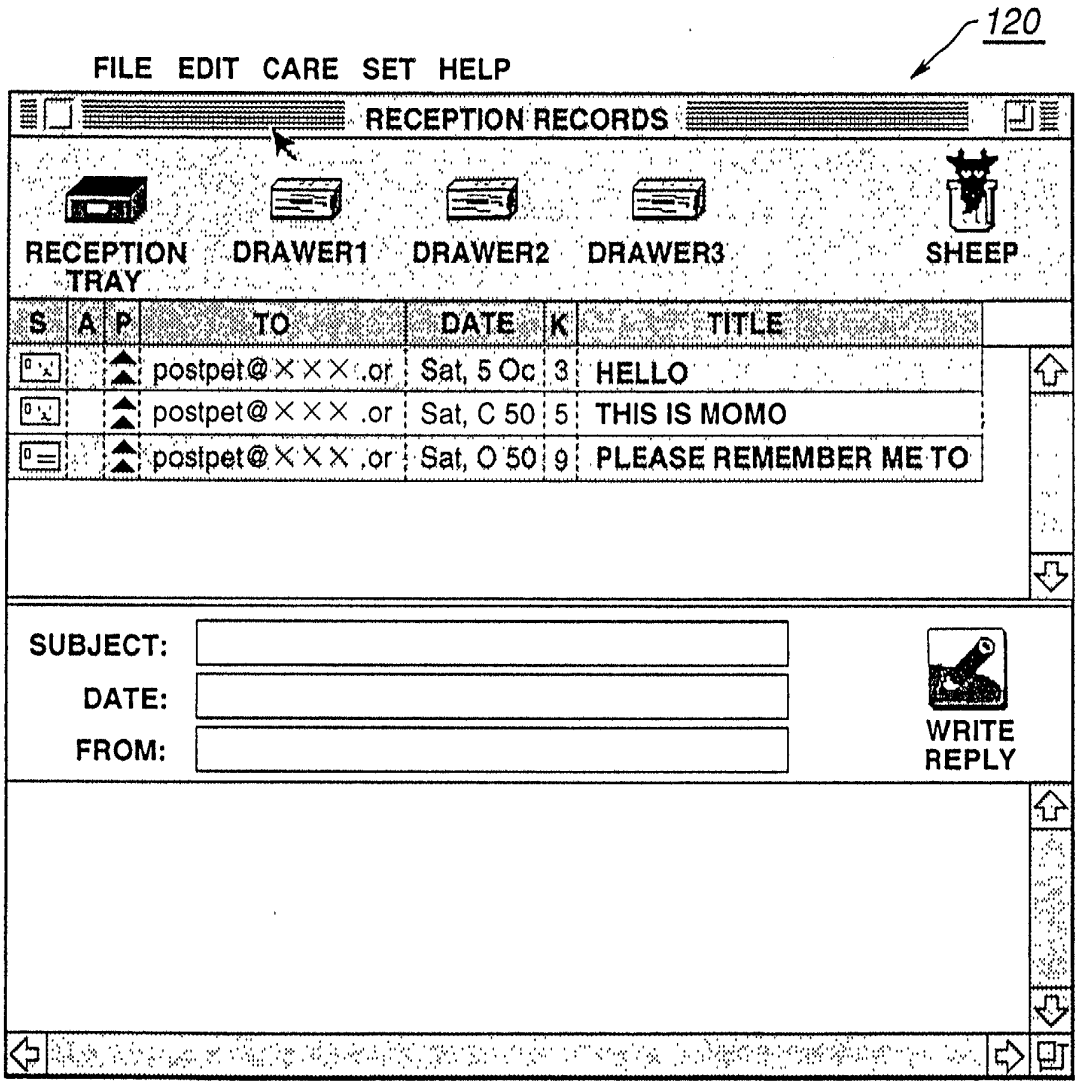
120
FILE EDIT CARE SET HELP
RECEPTION RECORDS
RECEPTION TRAY
DRAWER1
DRAWER2
DRAWER3
SHEEP
S A P TO DATE K TITLE
postpet@×××.or Sat, 5 Oc 3 HELLO
postpet@×××.or Sat, C 50 5 THIS IS MOMO
postpet@×××.or Sat, O 50 9 PLEASE REMEMBER ME TO
SUBJECT:
DATE:
FROM:
WRITE REPLY

FIG.6

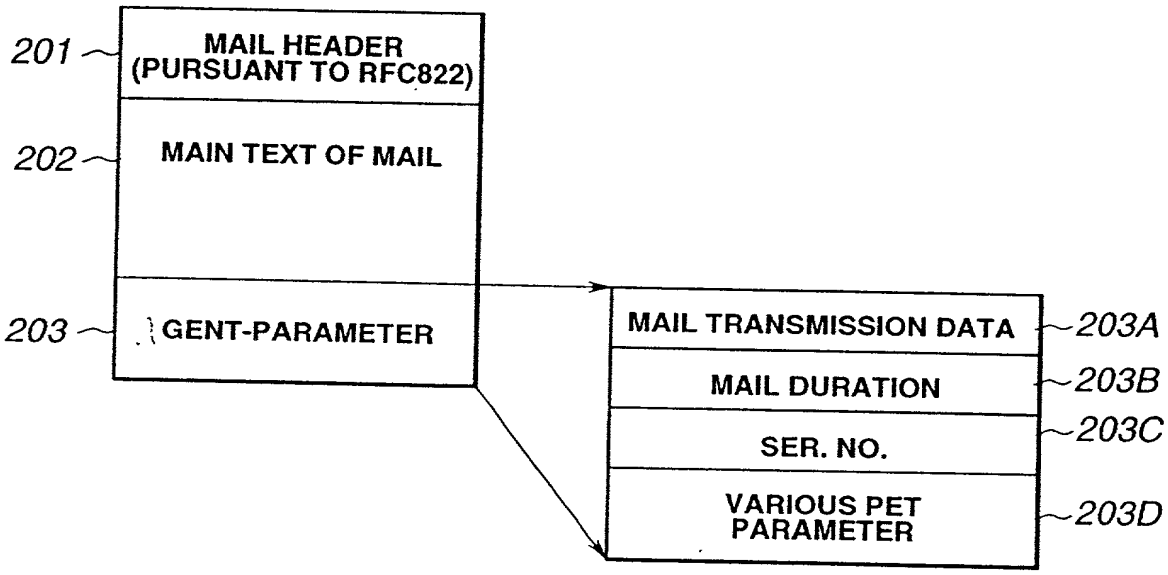
201
MAIL HEADER
(PURSUANT TO RFC822)
202
MAIN TEXT OF MAIL
203
GENT-PARAMETER
MAIL TRANSMISSION DATA
203A
MAIL DURATION
203B
SER. NO.
203C
VARIOUS PET
PARAMETER
203D

FIG.7

INNER PARAMETERS	OUTER PARAMETERS
(1) MAIL COUNT	(1) POSITION
(2) AGE	(2) COMFORTABILITY
(3) SEX	(3) USER ACTION-CARESSING
(4) INTELLIGENCE	(4) USER ACTION-BLOWING
(5) BODILY POWERS	(5) GUEST ACTION-CALLED
(6) VIGOR	(6) GUEST ACTION-SHOWN FRIENDSHIP
(7) FRIENDSHIP WITH KEEPER	(7) GUEST ACTION-SHOWN HOSTILITY
(8) HUNGRY DEGREE	(8) GUEST ACTION-ITEM GIVEN
(9) HAPPINESS DEGREE	(9) GUEST ACTION-ITEM REQUESTED
(10) CLEANNESS DEGREE	
(12) BIO-RYTHM (INDEFINITE)	
(13) NOISE (INDEFINITE)	
(11) FRIENDSHIP (WITH COUNTERPART)	
(12) PARAM 01	
(13) POSITIVE / NEGATIVE (+/−)	
(14) CHEERFULNESS / GLOOMINESS (+/−)	
(15) HEARTFULNESS / INDIFFERENCE (+/−)	
(16) CONCENTRATION / DIFFUSENESS (+/−)	
(17) CHIC / AUKWARD (+/−)	
(18) PARAM 02	
(19) PARAM 03	
(20) PARAM 04	
(21) PARAM 05	
(22) PARAM 06	
(23) MAKEUP DEGREE	
(24) PARAM 07	
(25) PARAM 08	
(26) PARAM 09	
(27) ATTRACTIVENESS	
(28) PARAM 10	
(29) PARAM 11	
(30) GOURMET	

FIG.8

Content-Type : application/x-postpet
Content-Transfer-Encoding : Base64

IAAEAAgAAAAAAAAAAAAAAAAAAAAAPABQAAAAAAA8AFAAEADzoH/gf/B/z9NTO1VT1JYVlhWXVNF
ROVMTFFPTk9RTURFSE5MUVBUSO5MSkpRUVIWWV1fXFpZWIFUTk9SU1FRSkRDSIBQTVNUY1FMRVFX
Y4u520Df40DI5eTo5ubn4+Pl4+Lh50Pm4unf5d714t7m4ubi3+fn3t7i50Df40Dl5uXh4+Xn4N/J
40jm4+bm4uPo40Xe5+jm5d/i60Dj50fg6ebm60bf3ufo2dDO1NP+zxjROM7N1M7LzdPT0tHOz9HM
z9DNOc/U1dfTZ9bPztbN1NPOzNPRONPPPy9TW09LMOM7OOs3WONDT0dHP1M7TzdPUO9LPz9LUzdDV
1MrROM3Qzsu4i2RTTU9MSOILUVNQUVVUVk9QT01FOzk5RkZQSIRPW1hWUlFOTUIMTEpHROZESUZI
/kUUQkBHT01LTIVMTOhERkZQU1FGREFGAC/+LXsqLTlwLzUyMCMolSsoKSwtLS4pJiknJigsLiow
LSOoJiYsMC4yNzAwMy4xKSwpKiwpKSUmlSYoLCswLCUnJScsKz54sdPK40PI3uXj4uTh4+Xe3+Th
40Pg3t3j4uXj4d/j4+Dj5d7k5uDj4+XJ5OD14d/h50Xg3uHe3+Dlbt7g4uLh4+Tn50Le50Pk40bm
4+f5+jh6N/l4+Xg3+LZztXM1MrT087N1M/MzszVzdLSz9DTzNTVONHQzNLROtLW0NPROM7VO8zS
4+f5+jh6N/l4+Xg3+LZztXM1MrT087N1M/MzszVzdLSz9DTzNTVONHQzNLROtLW0NPROM7VO8zS

FIG.9

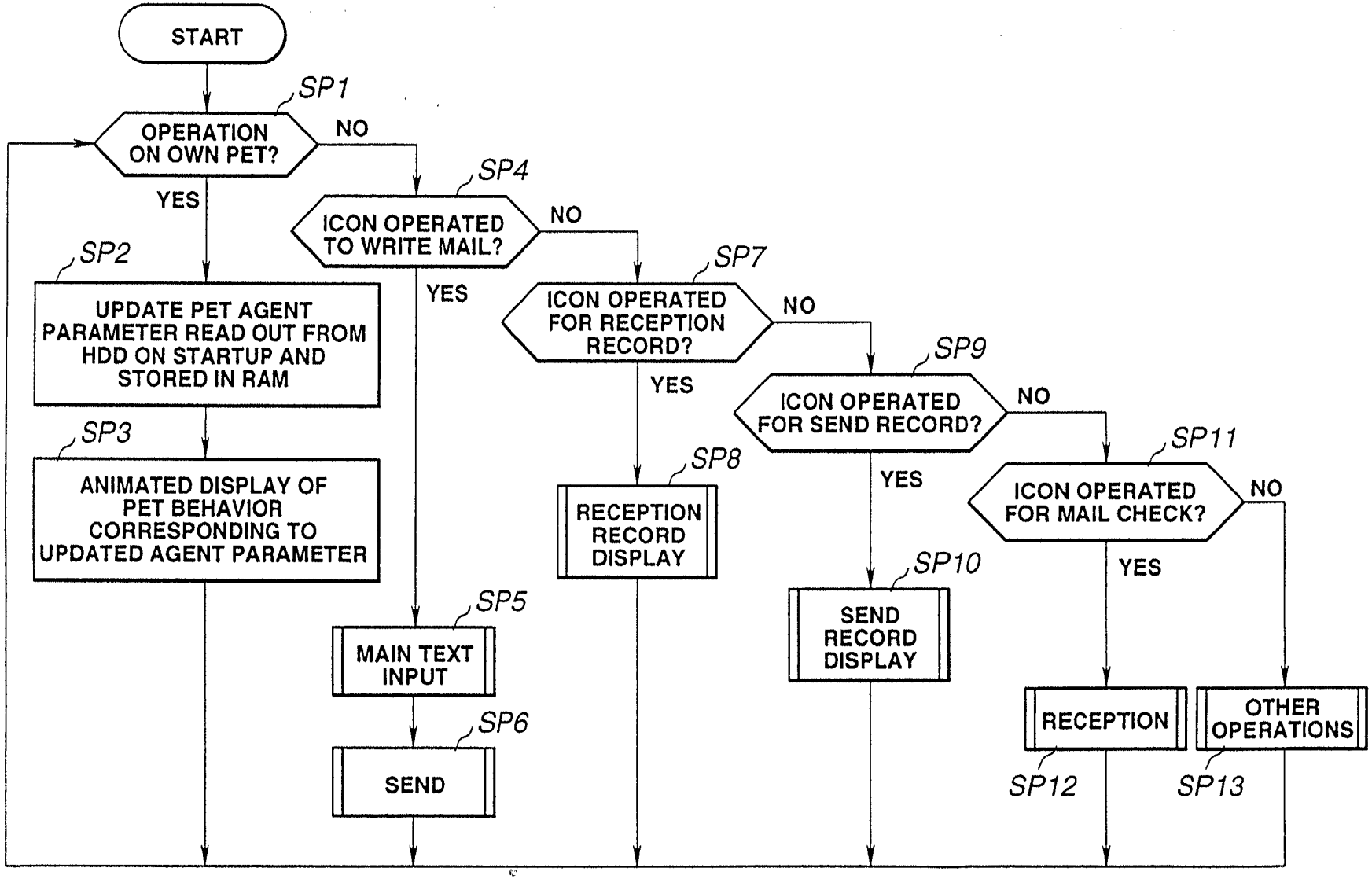
START
SP1
OPERATION ON OWN PET?
NO
YES
SP2
UPDATE PET AGENT PARAMETER READ OUT FROM HDD ON STARTUP AND STORED IN RAM
SP3
ANIMATED DISPLAY OF PET BEHAVIOR CORRESPONDING TO UPDATED AGENT PARAMETER
SP4
ICON OPERATED TO WRITE MAIL?
NO
YES
SP5
MAIN TEXT INPUT
SP6
SEND
SP7
ICON OPERATED FOR RECEPTION RECORD?
NO
YES
SP8
RECEPTION RECORD DISPLAY
SP9
ICON OPERATED FOR SEND RECORD?
NO
YES
SP10
SEND RECORD DISPLAY
SP11
ICON OPERATED FOR MAIL CHECK?
NO
YES
RECEPTION
SP12
OTHER OPERATIONS
SP13

FIG.10

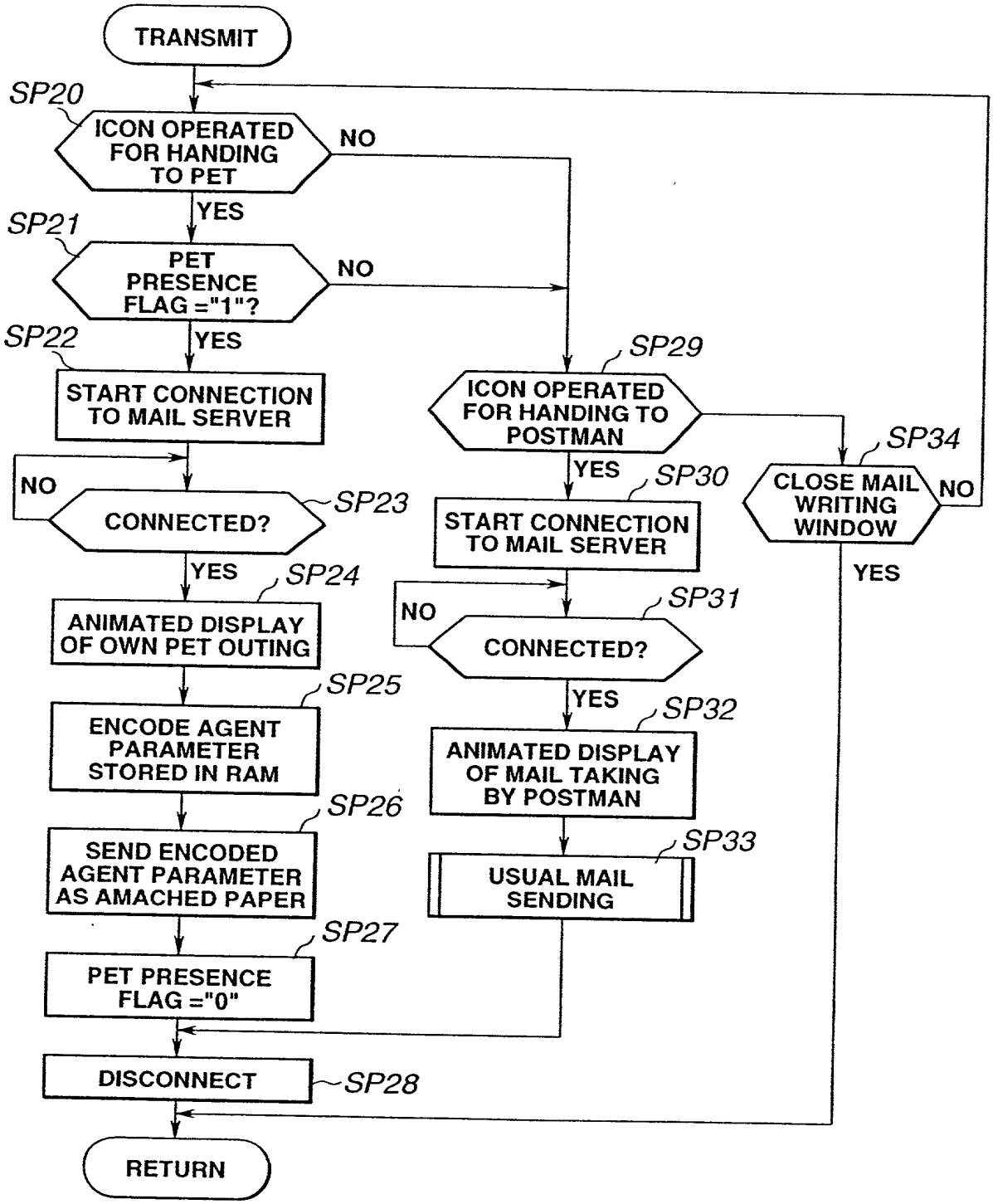
TRANSMIT
SP20
ICON OPERATED FOR HANDING TO PET
NO
YES
SP21
PET PRESENCE FLAG ="1"?
NO
YES
SP22
START CONNECTION TO MAIL SERVER
NO
CONNECTED?
SP23
YES
SP24
ANIMATED DISPLAY OF OWN PET OUTING
SP25
ENCODE AGENT PARAMETER STORED IN RAM
SP26
SEND ENCODED AGENT PARAMETER AS AMACHED PAPER
SP27
PET PRESENCE FLAG ="0"
DISCONNECT
SP28
RETURN
SP29
ICON OPERATED FOR HANDING TO POSTMAN
YES
SP30
START CONNECTION TO MAIL SERVER
NO
SP31
CONNECTED?
YES
SP32
ANIMATED DISPLAY OF MAIL TAKING BY POSTMAN
SP33
USUAL MAIL SENDING
SP34
CLOSE MAIL WRITING WINDOW
NO
YES

FIG.11

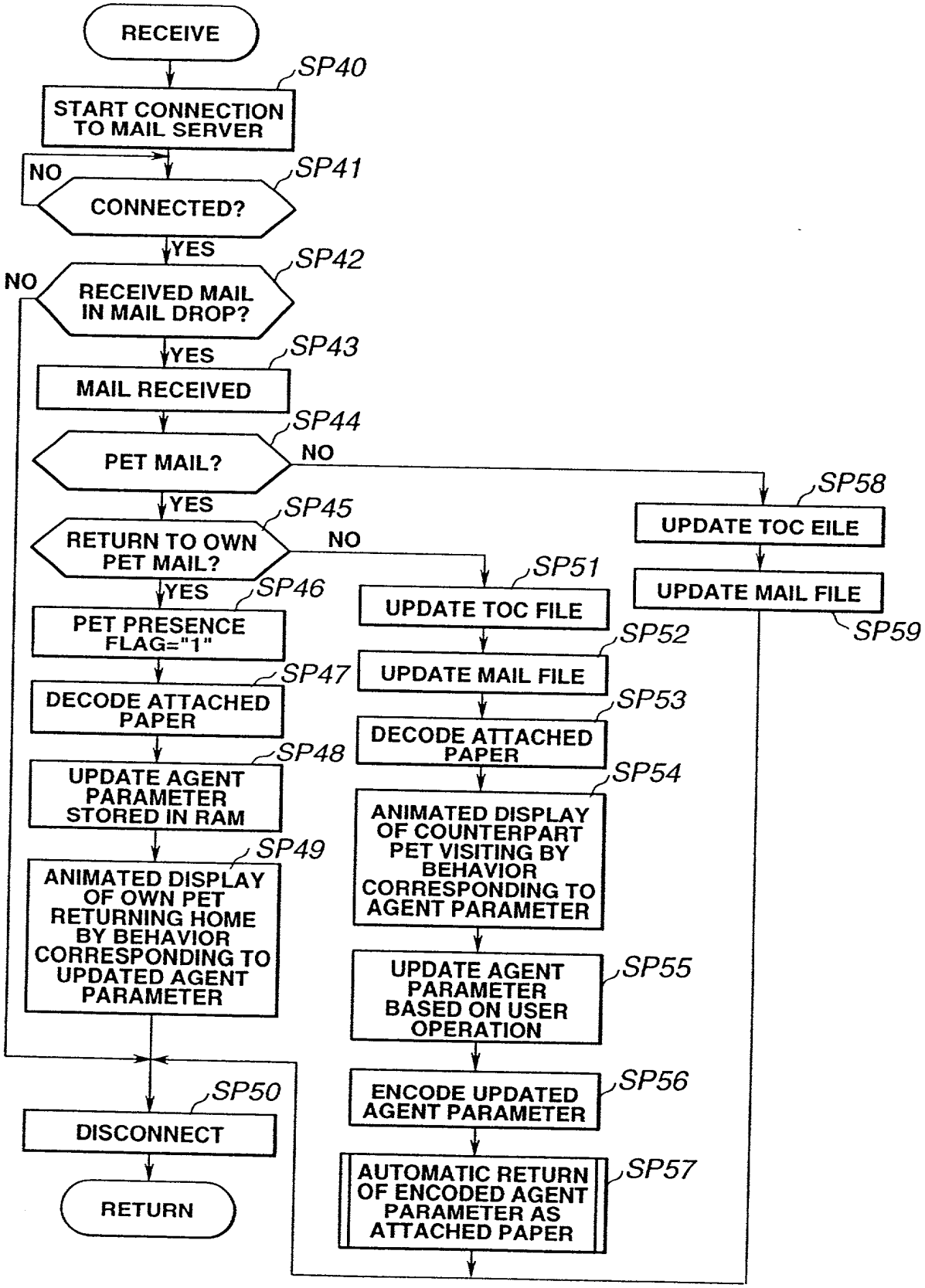
RECEIVE
SP40
START CONNECTION TO MAIL SERVER
NO
SP41
CONNECTED?
YES
SP42
NO
RECEIVED MAIL IN MAIL DROP?
YES
SP43
MAIL RECEIVED
SP44
PET MAIL?
NO
YES
SP45
RETURN TO OWN PET MAIL?
NO
YES
SP46
PET PRESENCE FLAG="1"
SP47
DECODE ATTACHED PAPER
SP48
UPDATE AGENT PARAMETER STORED IN RAM
SP49
ANIMATED DISPLAY OF OWN PET RETURNING HOME BY BEHAVIOR CORRESPONDING TO UPDATED AGENT PARAMETER
SP50
DISCONNECT
RETURN
SP51
UPDATE TOC FILE
SP52
UPDATE MAIL FILE
SP53
DECODE ATTACHED PAPER
SP54
ANIMATED DISPLAY OF COUNTERPART PET VISITING BY BEHAVIOR CORRESPONDING TO AGENT PARAMETER
SP55
UPDATE AGENT PARAMETER BASED ON USER OPERATION
SP56
ENCODE UPDATED AGENT PARAMETER
SP57
AUTOMATIC RETURN OF ENCODED AGENT PARAMETER AS ATTACHED PAPER
SP58
UPDATE TOC EILE
UPDATE MAIL FILE
SP59

FIG.12

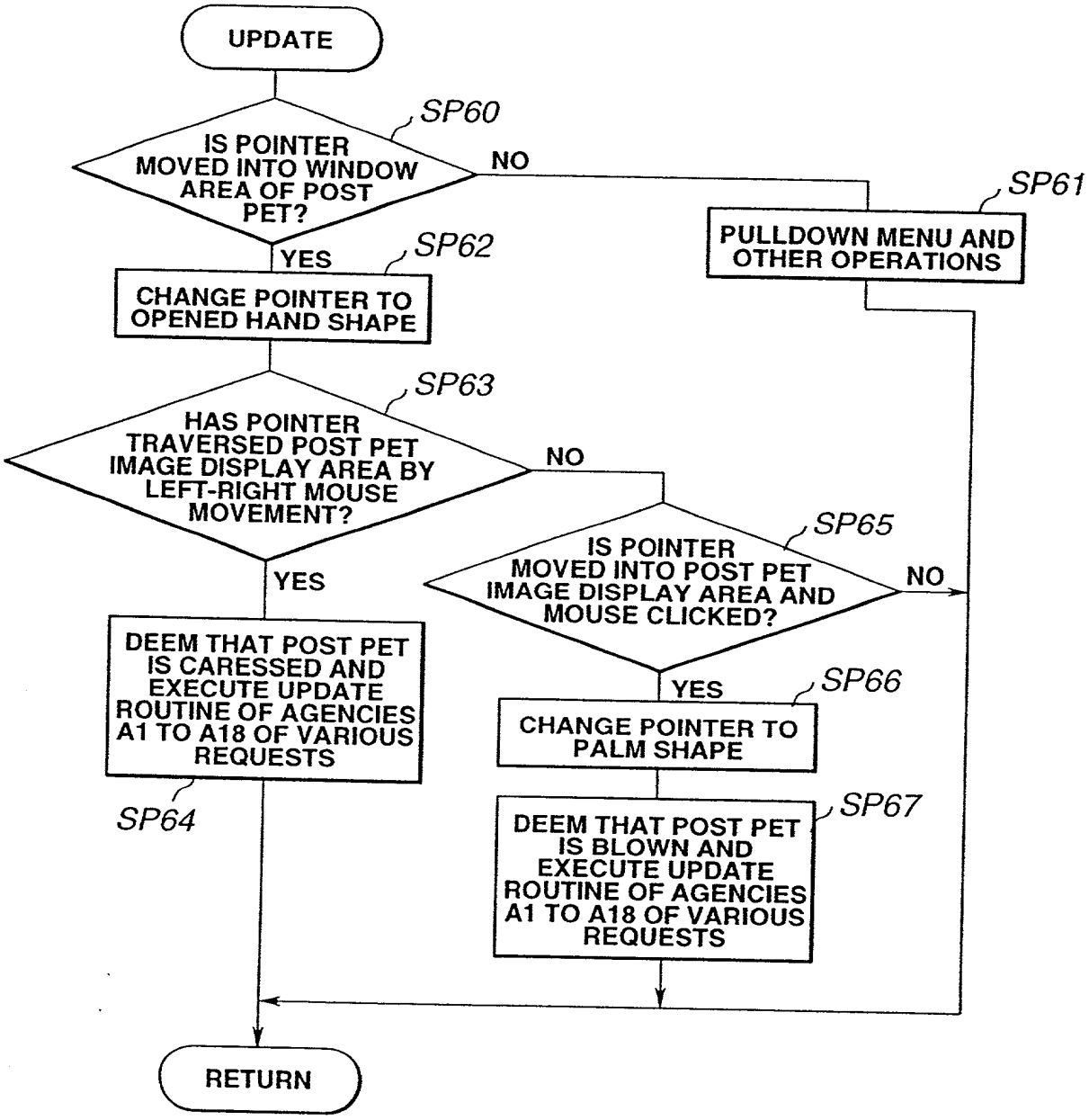
UPDATE
SP60
IS POINTER MOVED INTO WINDOW AREA OF POST PET?
NO
SP61
PULLDOWN MENU AND OTHER OPERATIONS
YES
SP62
CHANGE POINTER TO OPENED HAND SHAPE
SP63
HAS POINTER TRAVERSED POST PET IMAGE DISPLAY AREA BY LEFT-RIGHT MOUSE MOVEMENT?
NO
SP65
IS POINTER MOVED INTO POST PET IMAGE DISPLAY AREA AND MOUSE CLICKED?
NO
YES
DEEM THAT POST PET IS CARESSED AND EXECUTE UPDATE ROUTINE OF AGENCIES A1 TO A18 OF VARIOUS REQUESTS
SP64
YES
SP66
CHANGE POINTER TO PALM SHAPE
SP67
DEEM THAT POST PET IS BLOWN AND EXECUTE UPDATE ROUTINE OF AGENCIES A1 TO A18 OF VARIOUS REQUESTS
RETURN

FIG.13

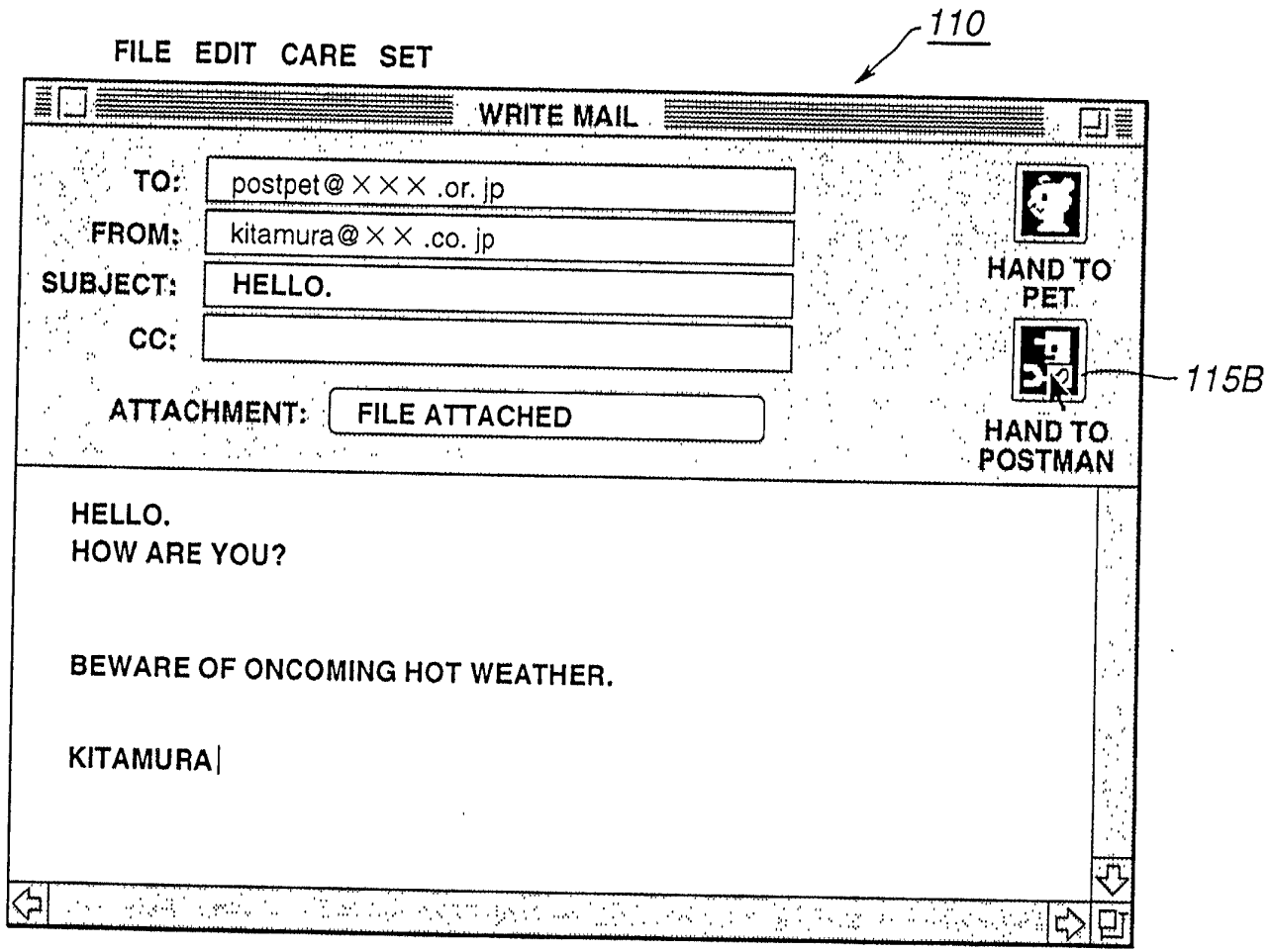
110
FILE EDIT CARE SET
WRITE MAIL
TO: postpet@×××.or.jp
FROM: kitamura@××.co.jp
SUBJECT: HELLO.
CC:
ATTACHMENT: FILE ATTACHED
HAND TO PET
HAND TO POSTMAN
115B
HELLO.
HOW ARE YOU?
BEWARE OF ONCOMING HOT WEATHER.
KITAMURA

FIG.14

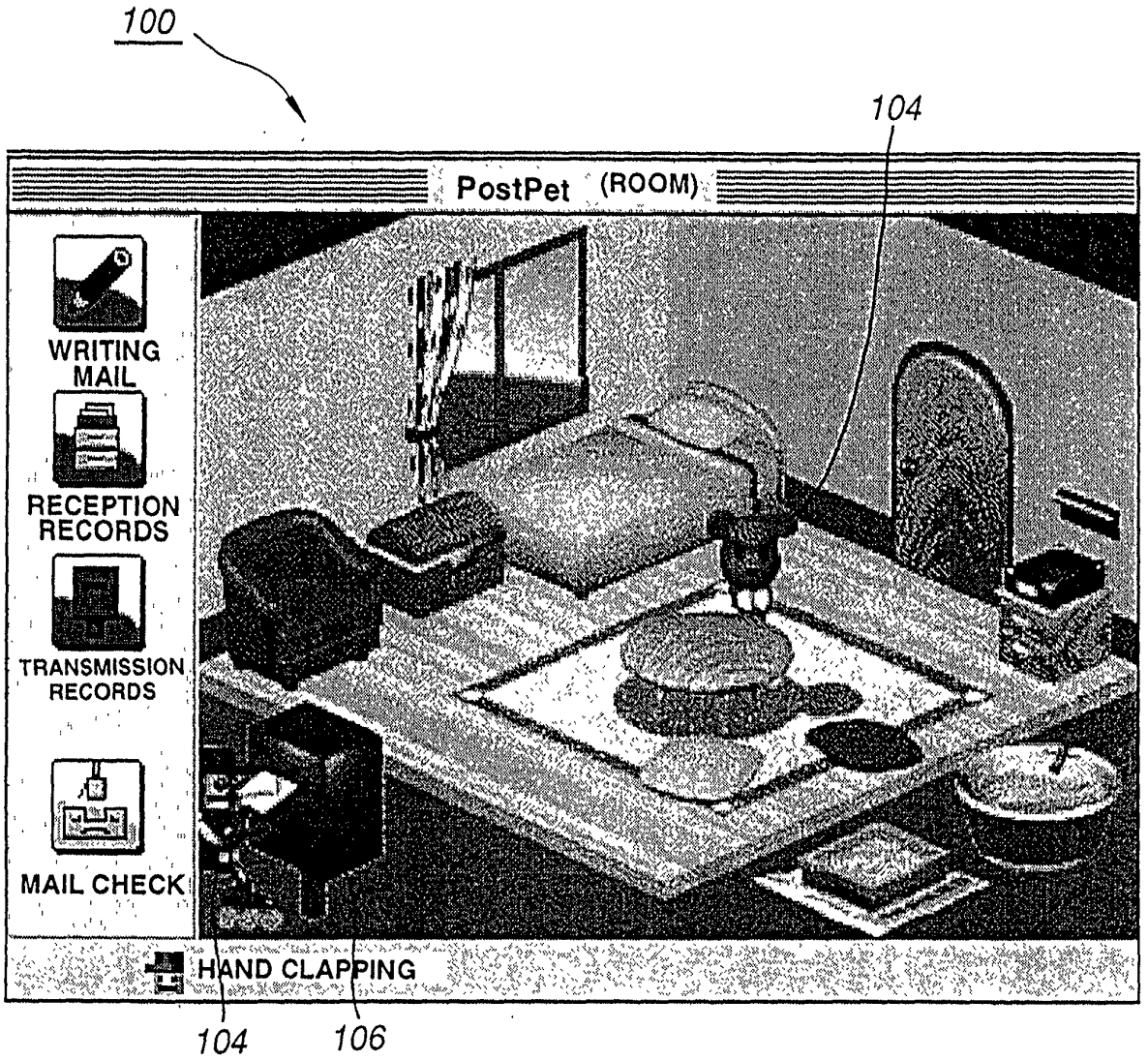
100
104
PostPet (ROOM)
WRITING MAIL
RECEPTION RECORDS
TRANSMISSION RECORDS
MAIL CHECK
HAND CLAPPING
104
106

FIG.15

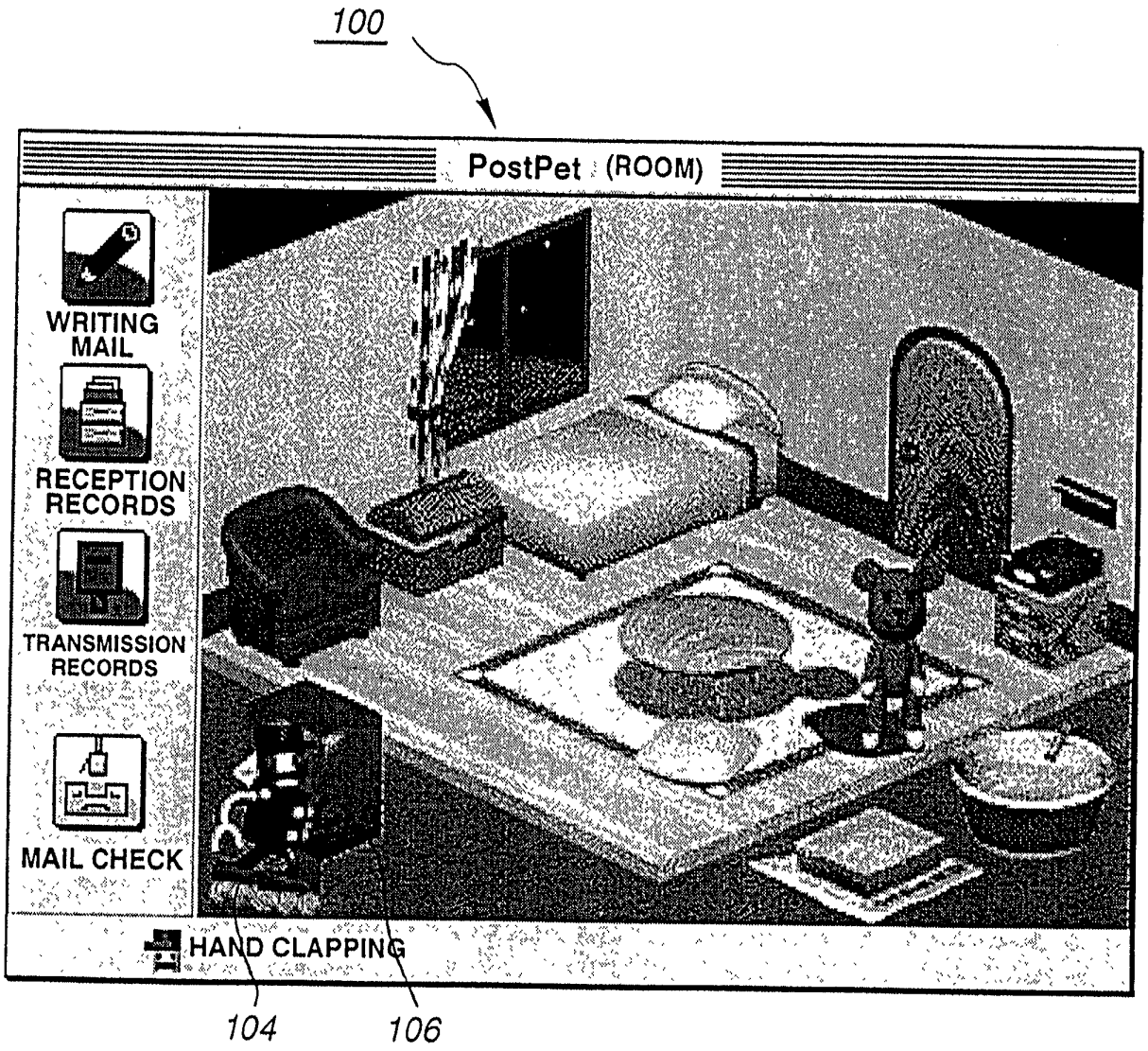
100
PostPet (ROOM)
WRITING MAIL
RECEPTION RECORDS
TRANSMISSION RECORDS
MAIL CHECK
HAND CLAPPING
104
106

FIG.16

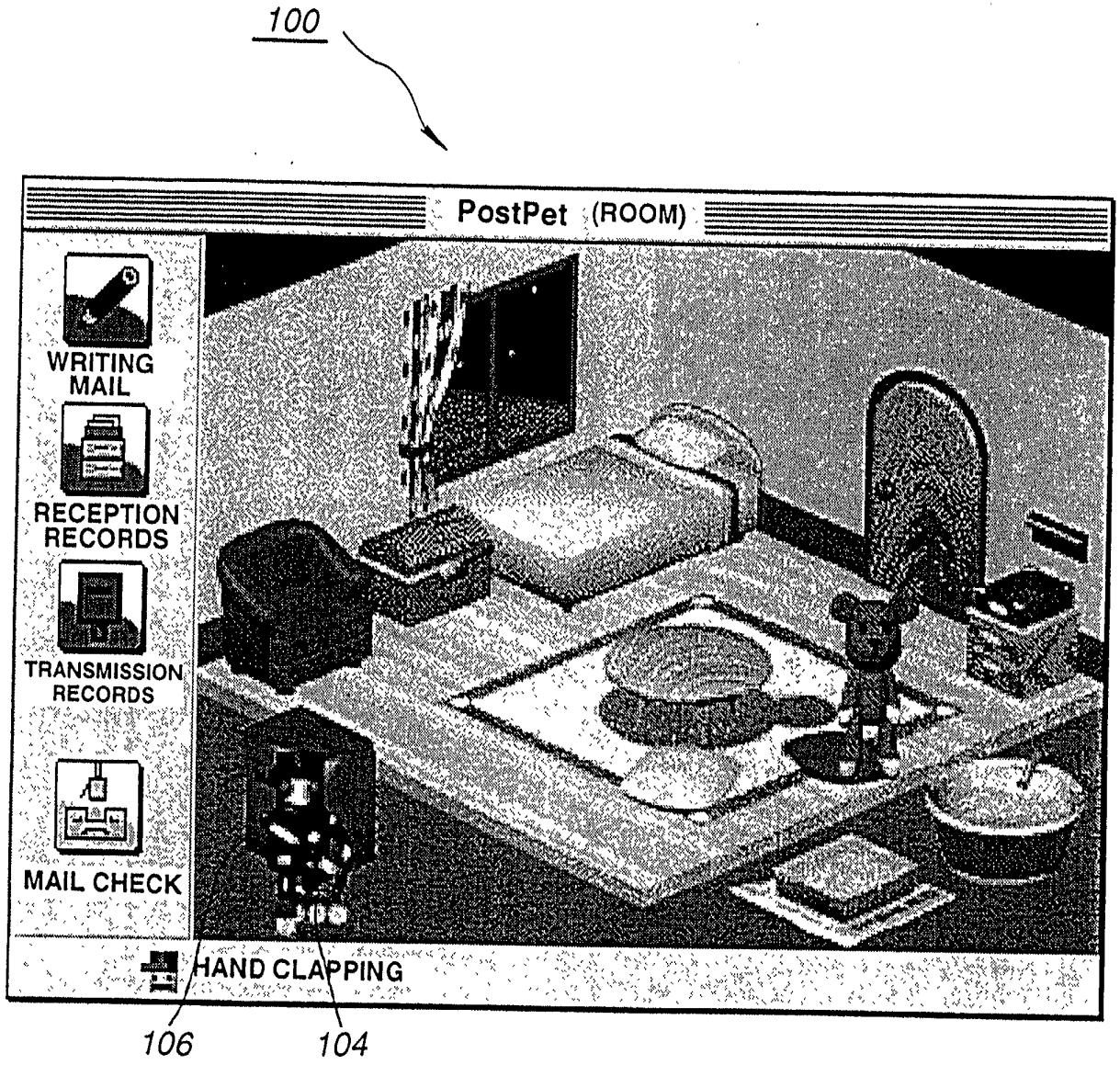
100
PostPet (ROOM)
WRITING MAIL
RECEPTION RECORDS
TRANSMISSION RECORDS
MAIL CHECK
HAND CLAPPING
106
104

FIG.17

embedded patent

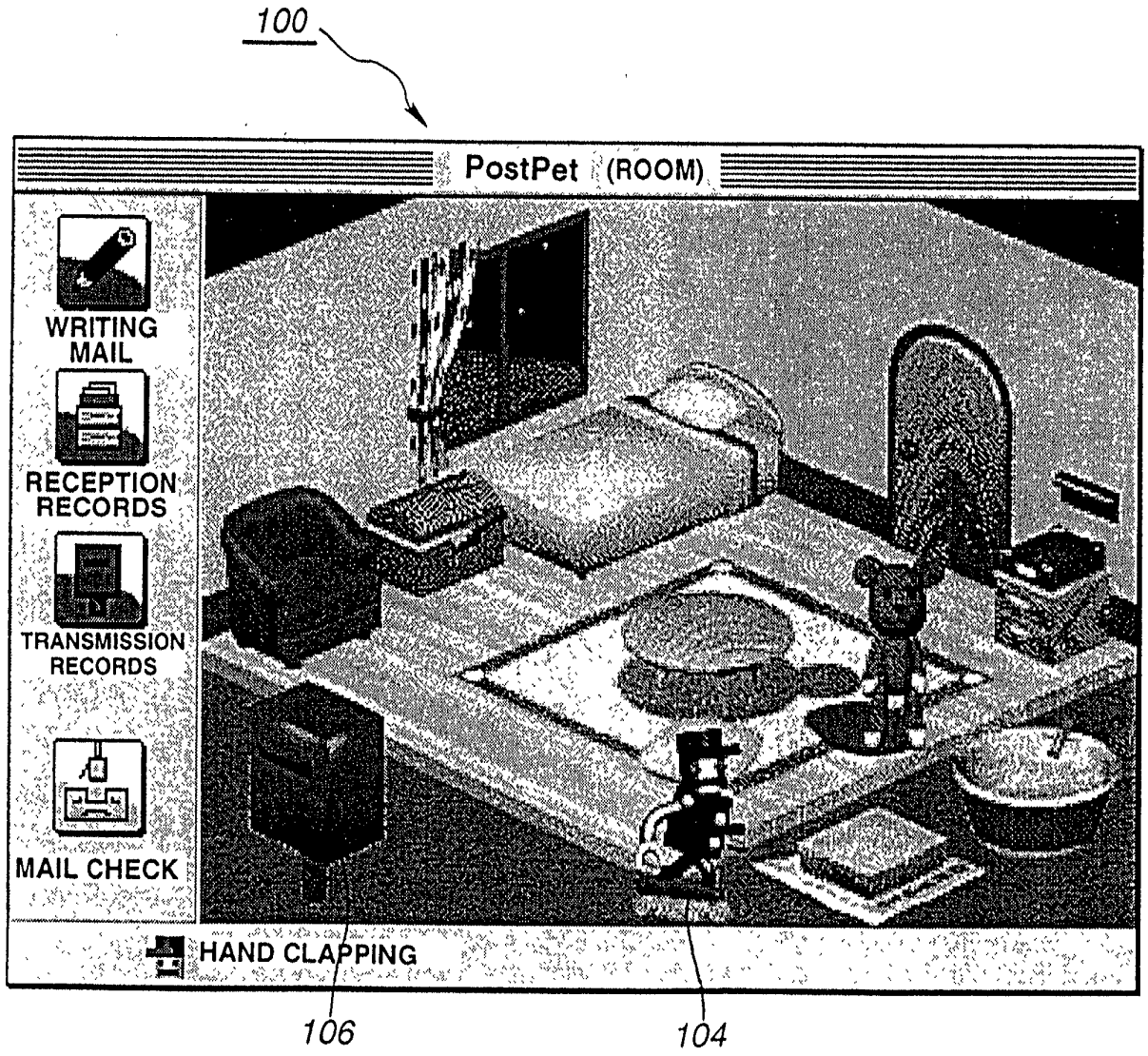

FIG.18

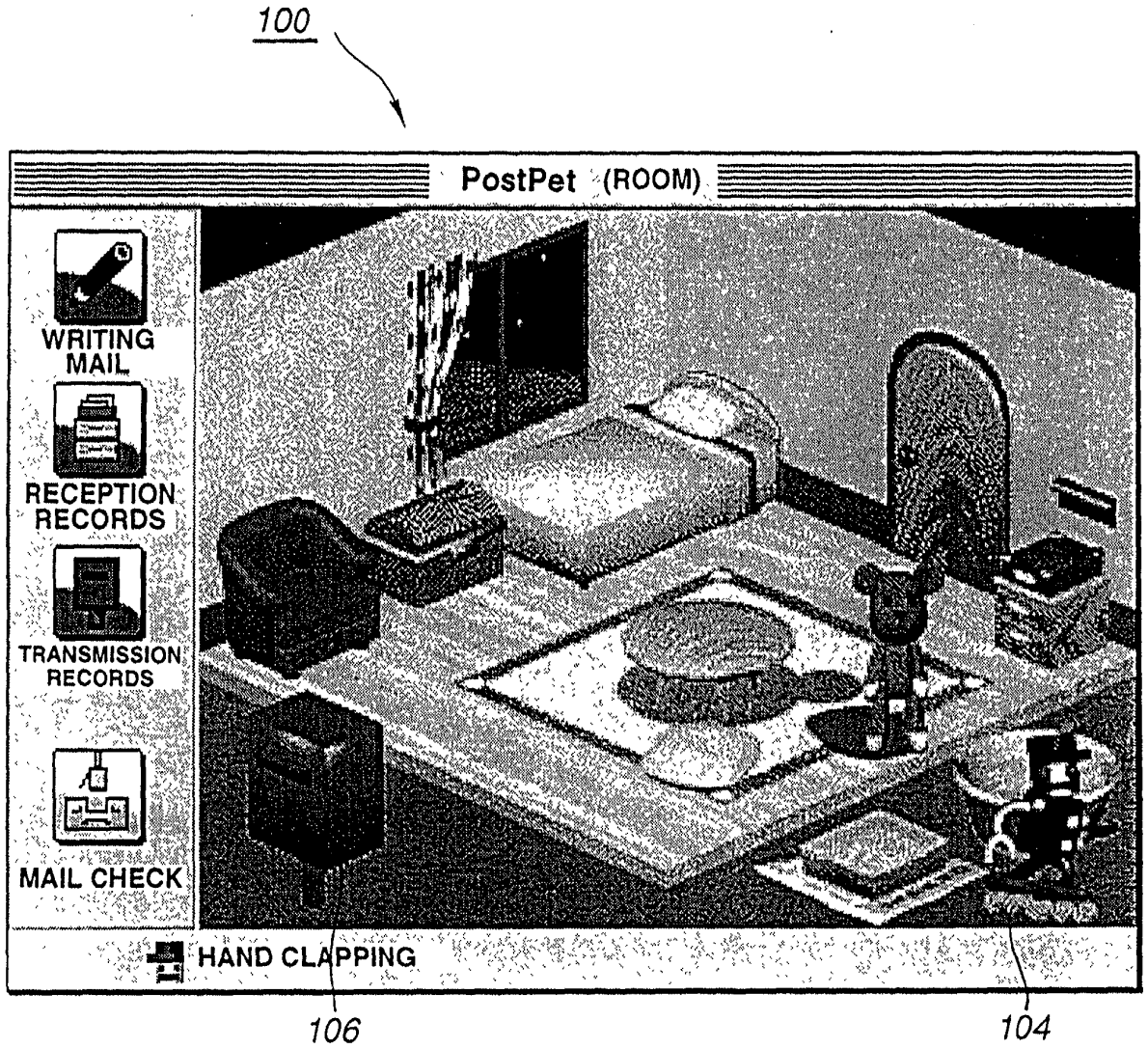
100
PostPet (ROOM)
WRITING MAIL
RECEPTION RECORDS
TRANSMISSION RECORDS
MAIL CHECK
HAND CLAPPING
106
104

FIG.19

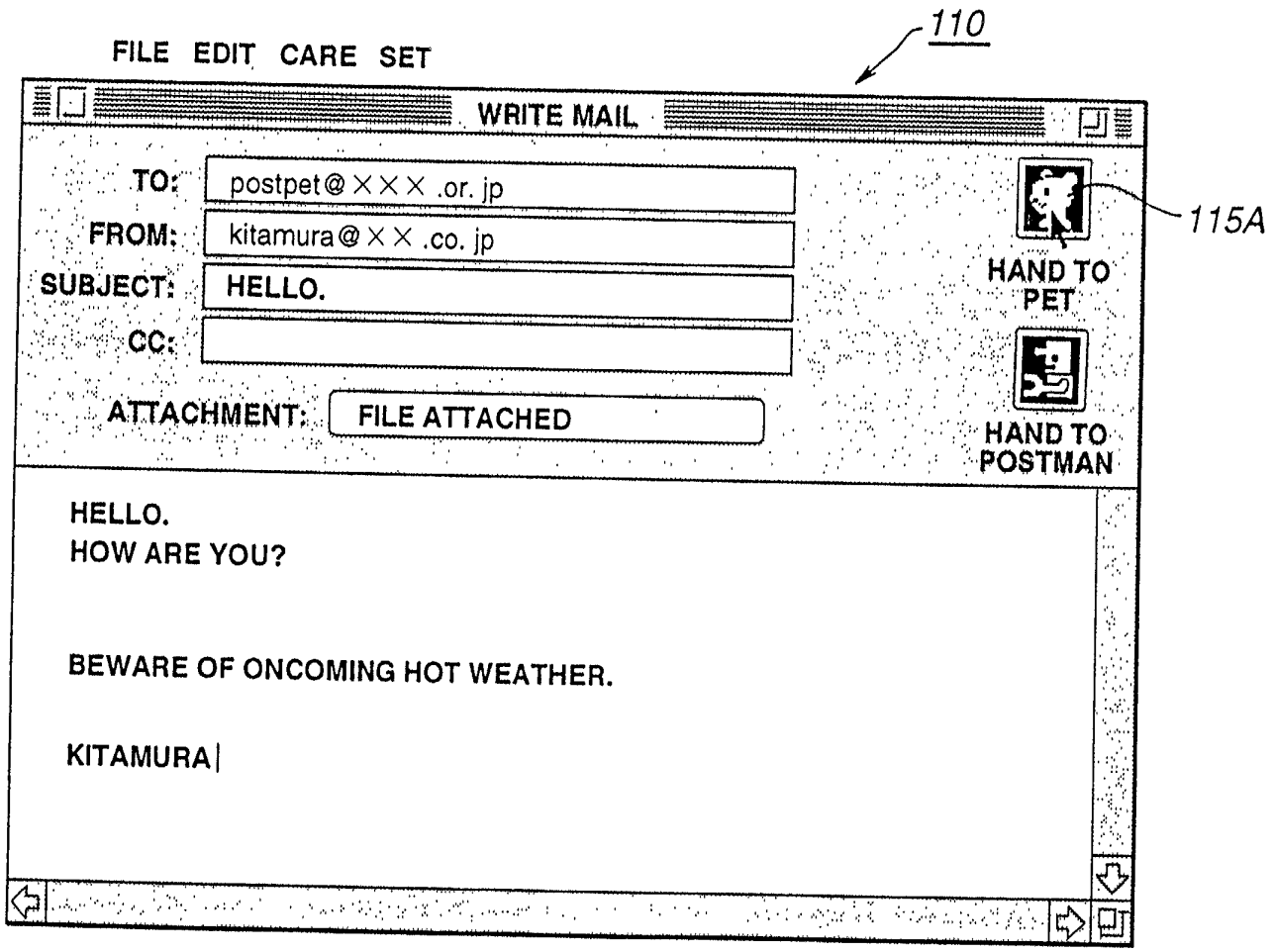
110
FILE EDIT CARE SET
WRITE MAIL
TO: postpet@×××.or.jp
FROM: kitamura@××.co.jp
SUBJECT: HELLO.
CC:
ATTACHMENT: FILE ATTACHED
115A
HAND TO PET
HAND TO POSTMAN
HELLO.
HOW ARE YOU?
BEWARE OF ONCOMING HOT WEATHER.
KITAMURA

FIG.20

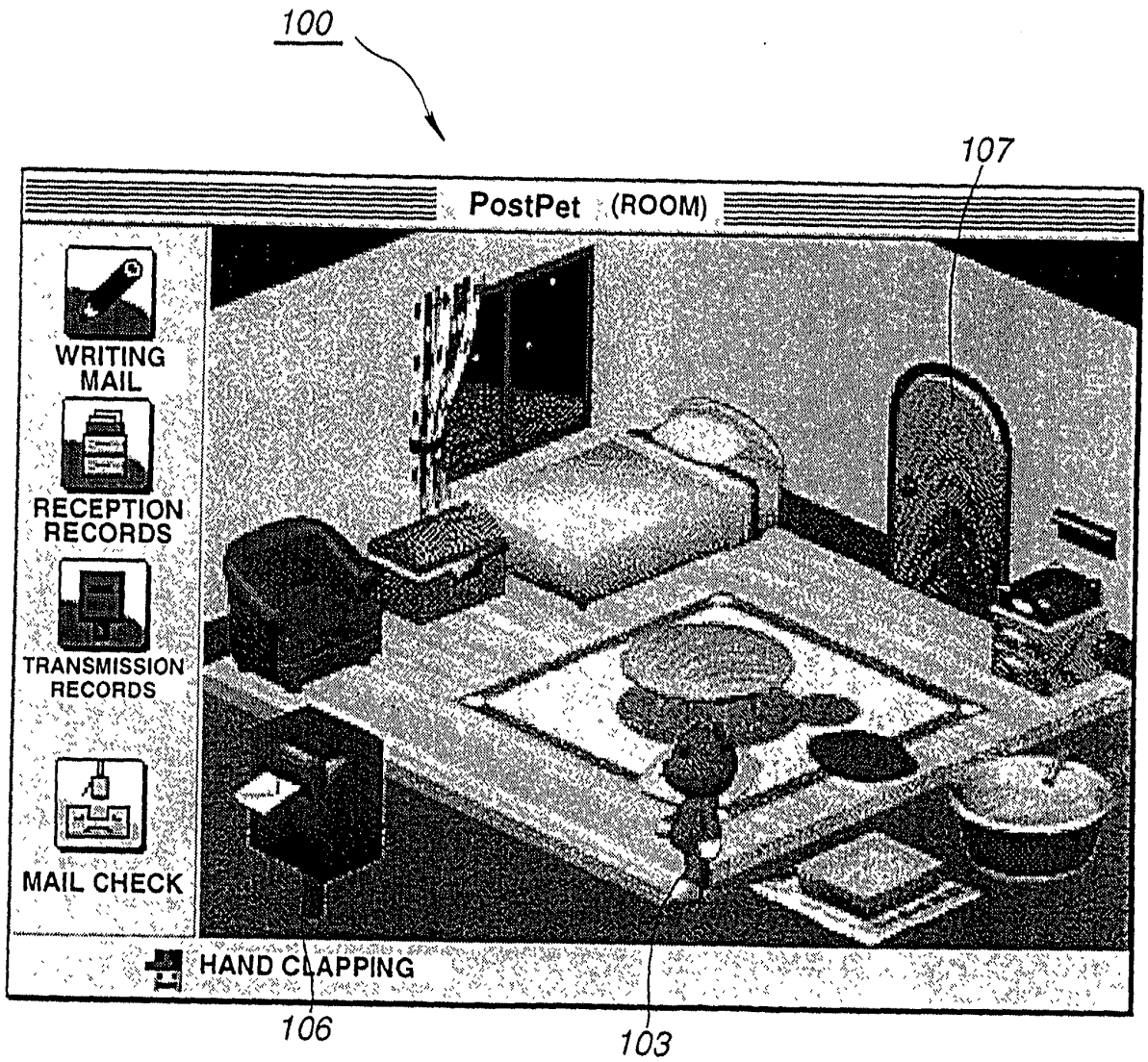
100
107
PostPet (ROOM)
WRITING MAIL
RECEPTION RECORDS
TRANSMISSION RECORDS
MAIL CHECK
HAND CLAPPING
106
103

FIG.21

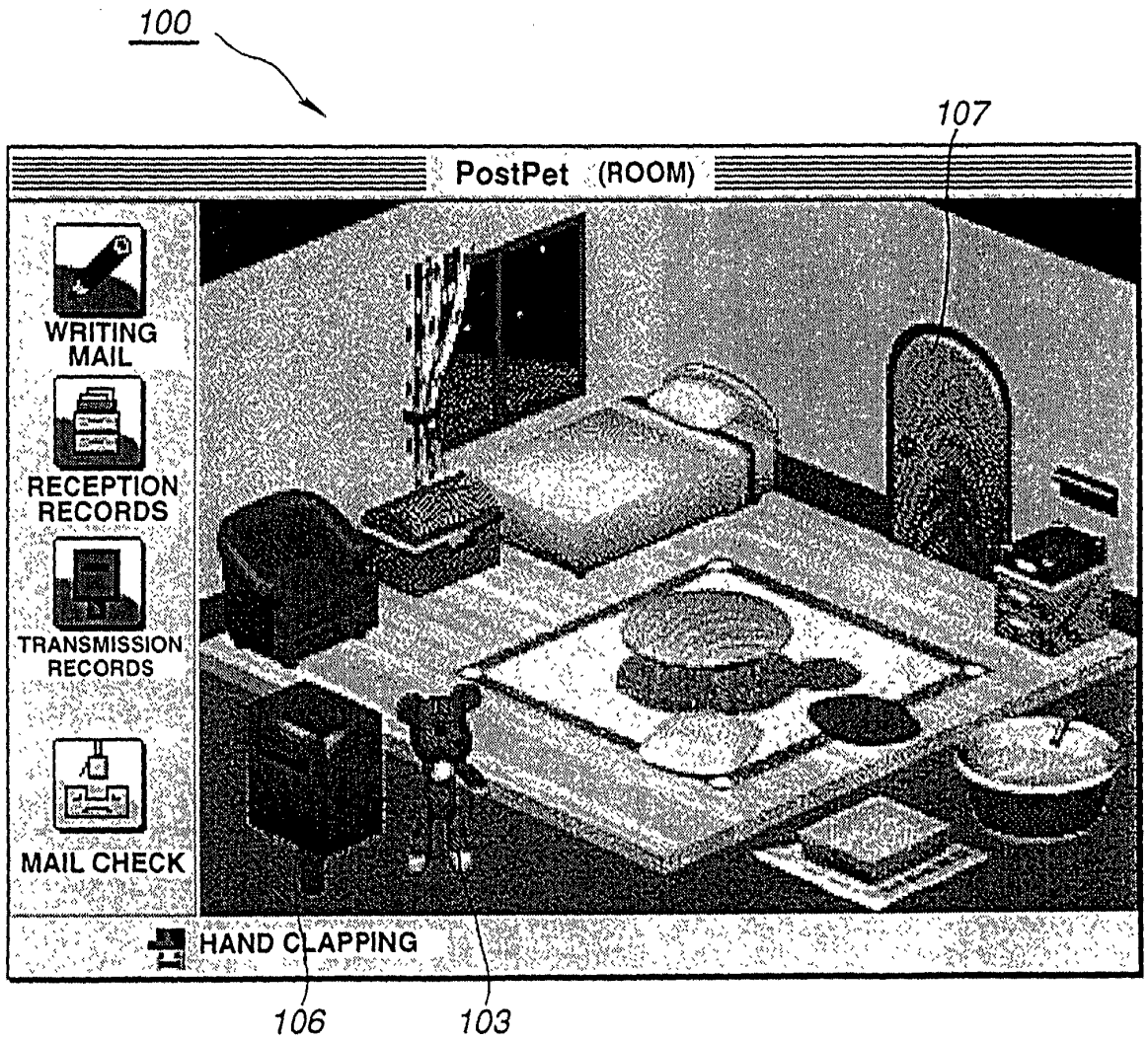
100
107
PostPet (ROOM)
WRITING MAIL
RECEPTION RECORDS
TRANSMISSION RECORDS
MAIL CHECK
HAND CLAPPING
106
103

FIG.22

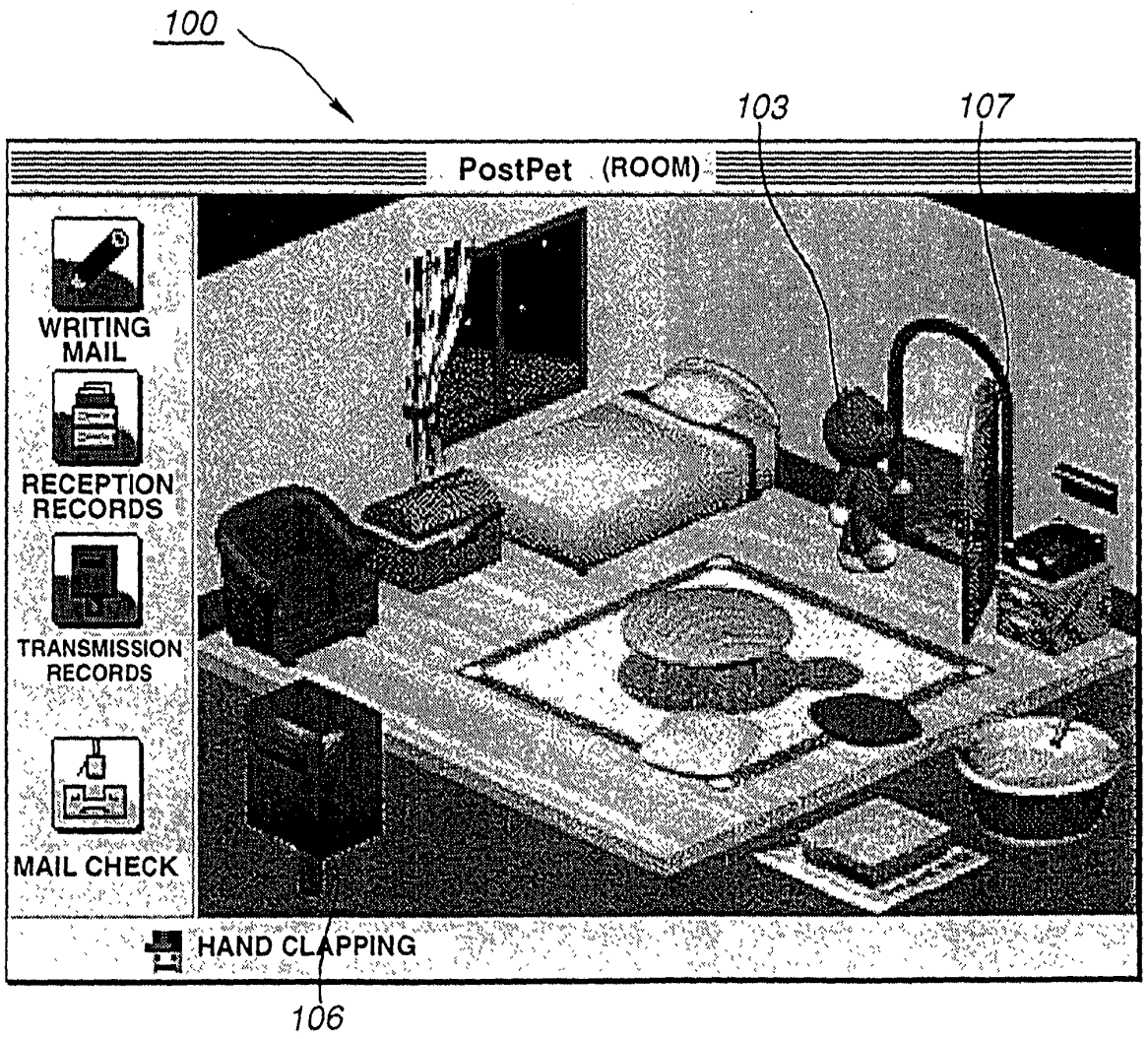
100
103
107
PostPet (ROOM)
WRITING MAIL
RECEPTION RECORDS
TRANSMISSION RECORDS
MAIL CHECK
HAND CLAPPING
106

FIG.23

Sheet 25 of 27

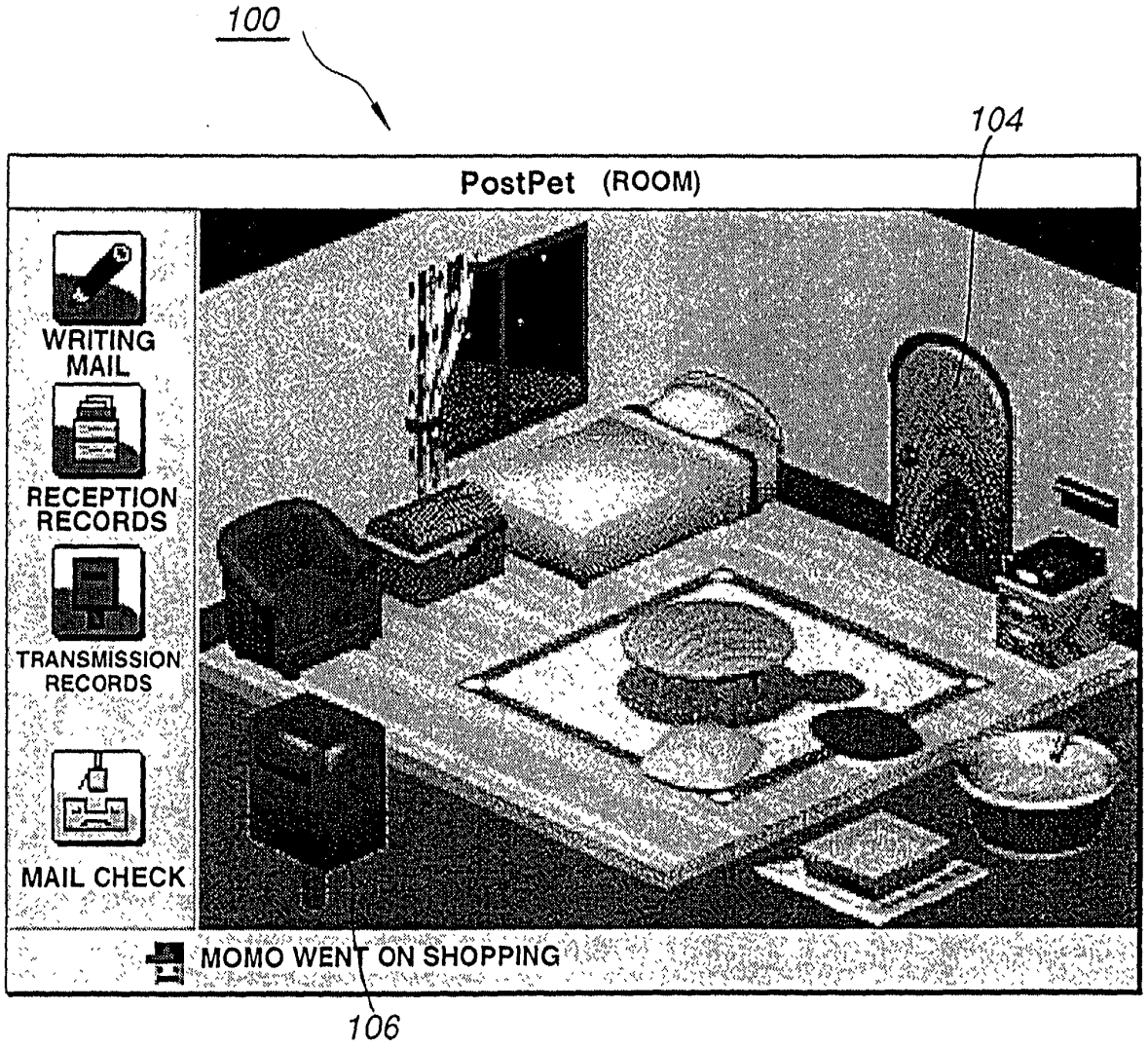

FIG.24

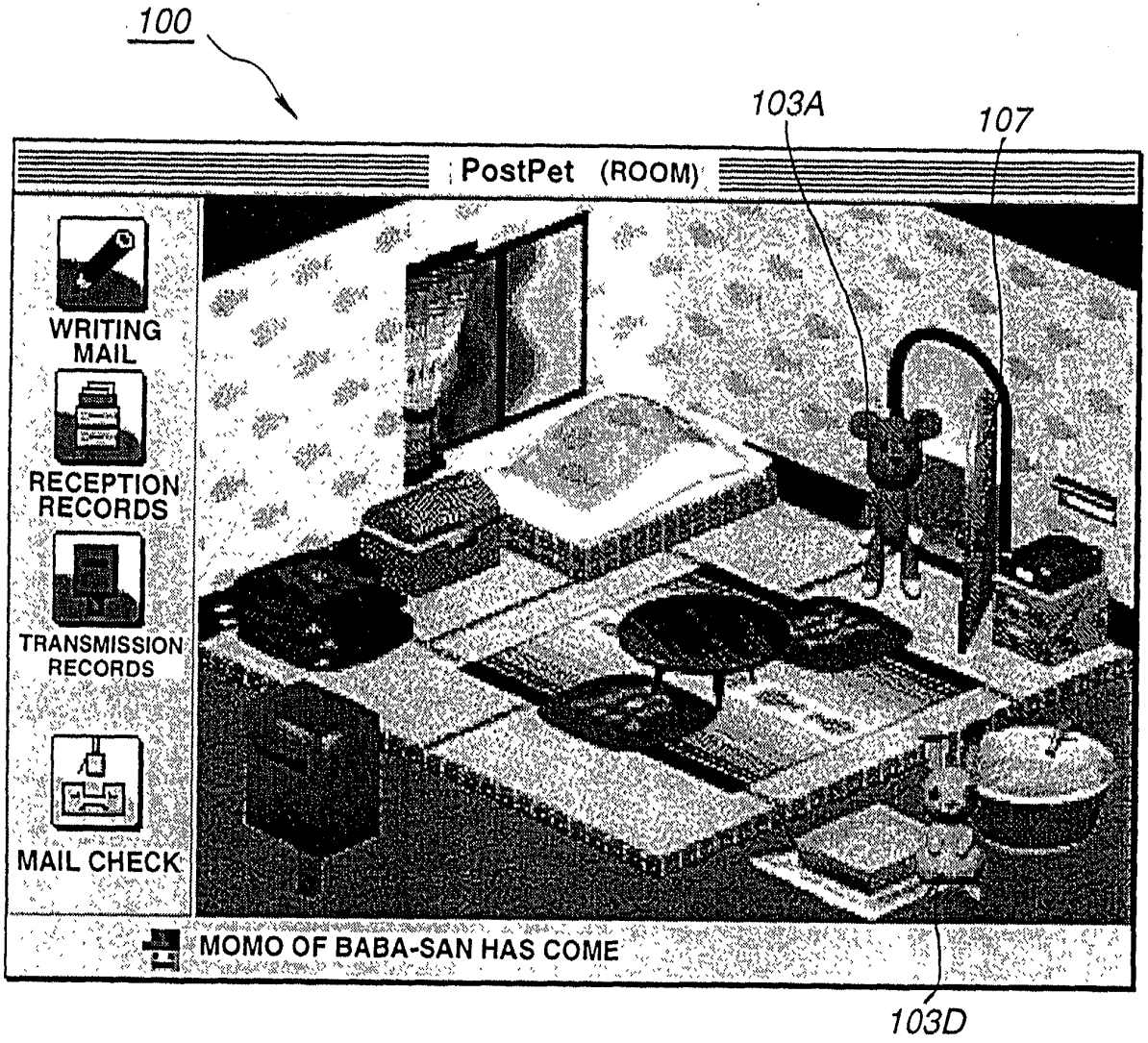
100
103A
107
PostPet (ROOM)
WRITING MAIL
RECEPTION RECORDS
TRANSMISSION RECORDS
MAIL CHECK
MOMO OF BABA-SAN HAS COME
103D

FIG.25

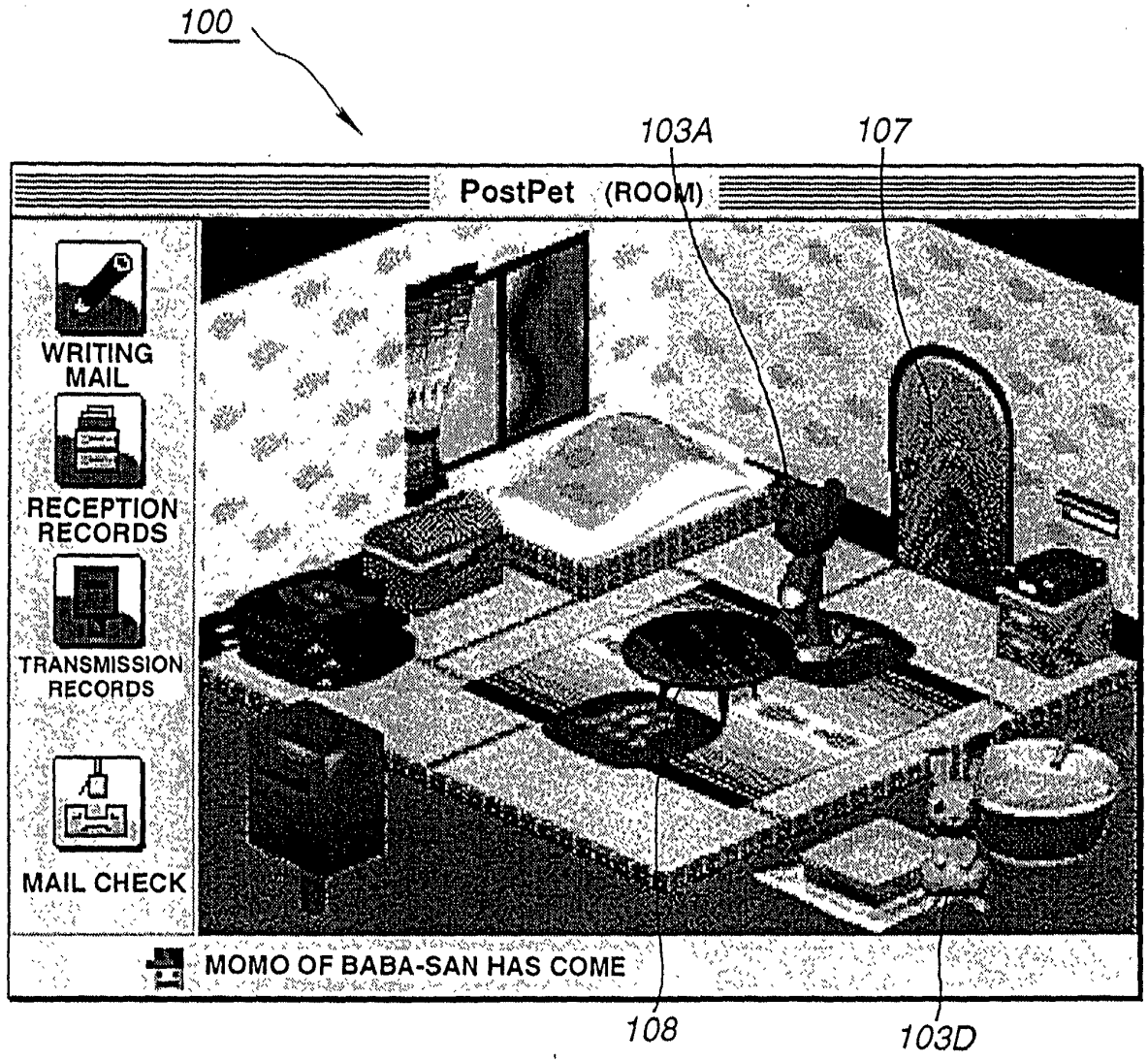
100
103A
107
PostPet (ROOM)
WRITING MAIL
RECEPTION RECORDS
TRANSMISSION RECORDS
MAIL CHECK
MOMO OF BABA-SAN HAS COME
108
103D

FIG.26

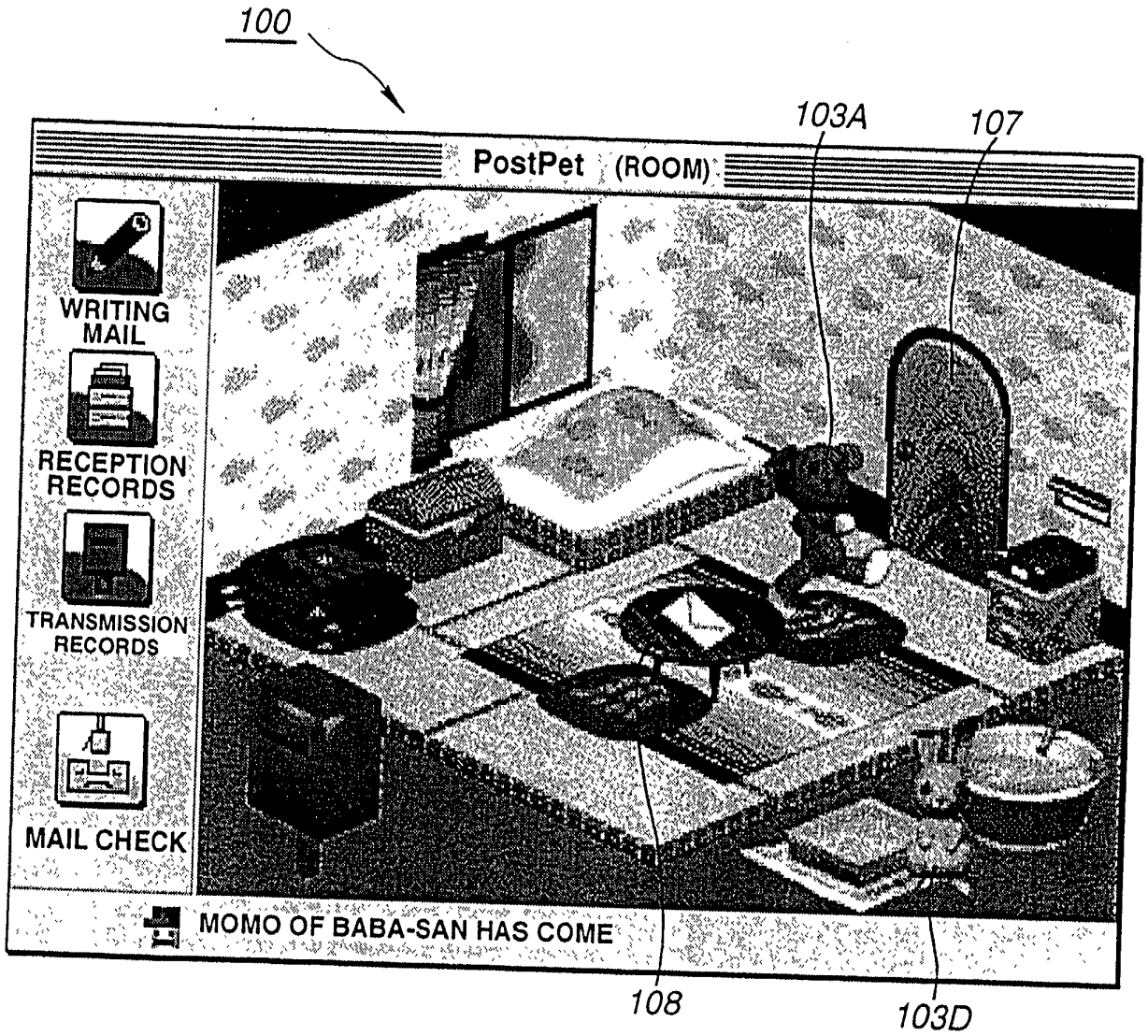
100
103A
107
PostPet (ROOM)
WRITING MAIL
RECEPTION RECORDS
TRANSMISSION RECORDS
MAIL CHECK
MOMO OF BABA-SAN HAS COME
108
103D

FIG.27

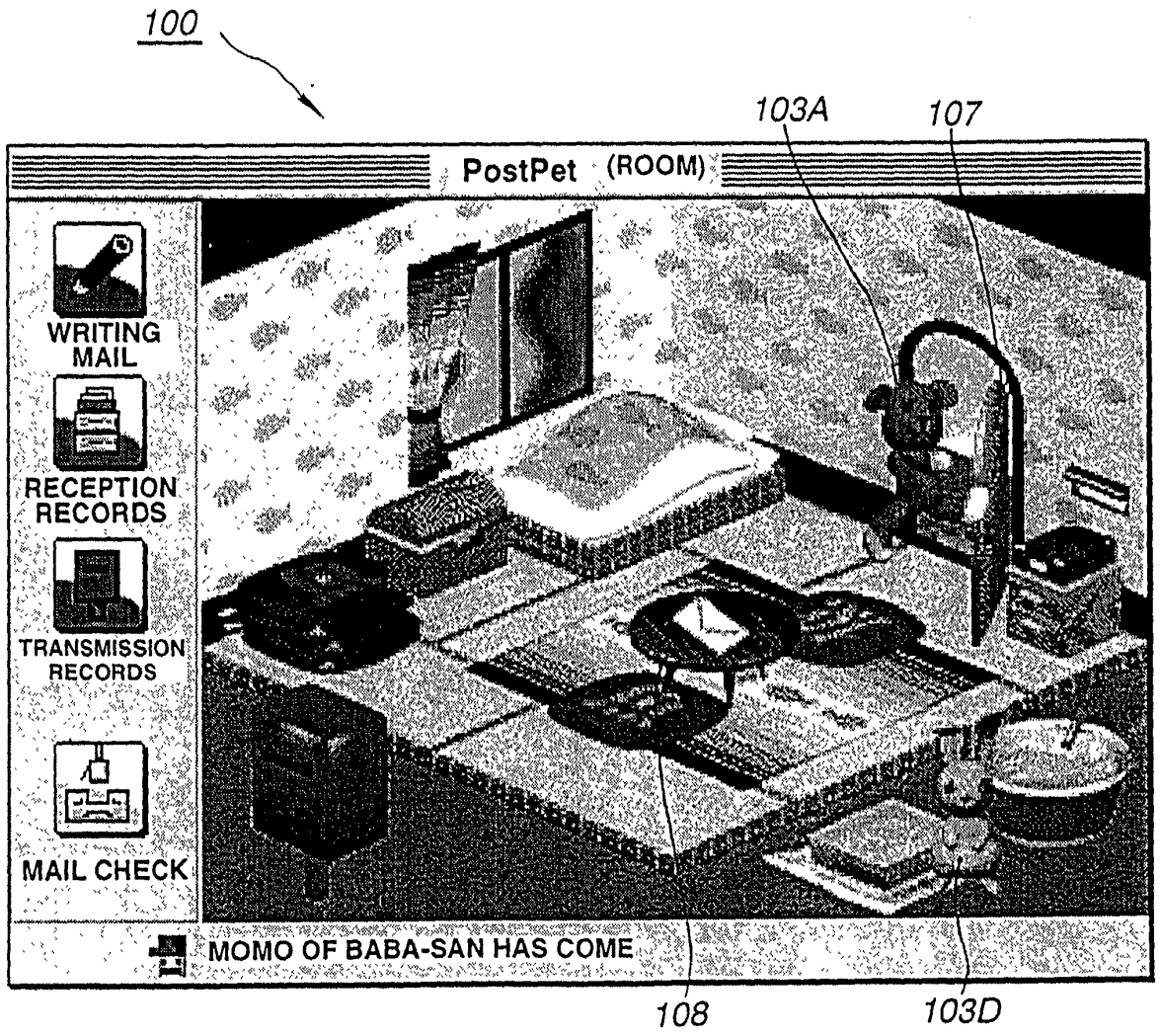
100
103A
107
PostPet (ROOM)
WRITING MAIL
RECEPTION RECORDS
TRANSMISSION RECORDS
MAIL CHECK
MOMO OF BABA-SAN HAS COME
108
103D

FIG.28

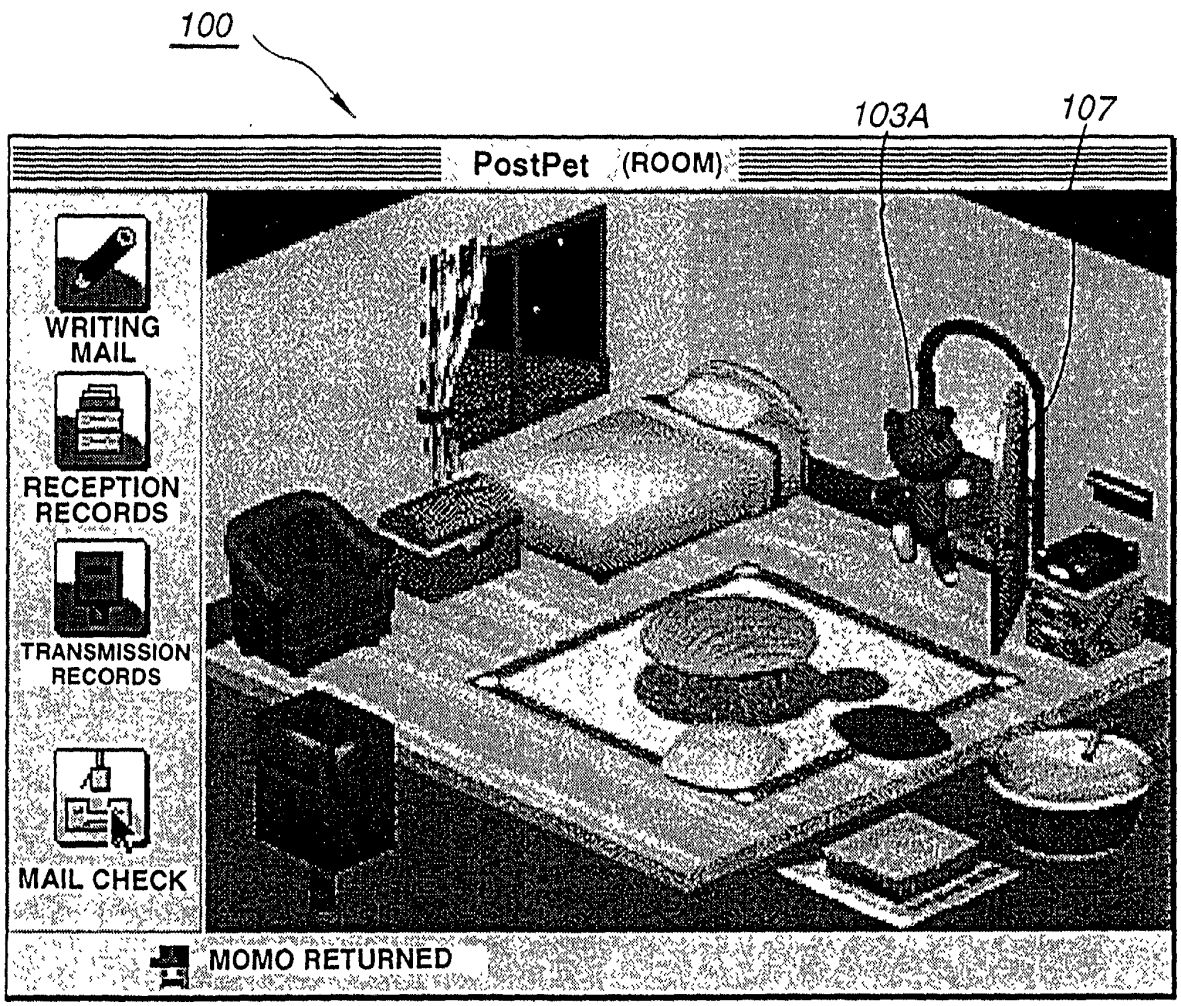
100
103A
107
PostPet (ROOM)
WRITING MAIL
RECEPTION RECORDS
TRANSMISSION RECORDS
MAIL CHECK
MOMO RETURNED

FIG.29

JP11232234A2 1999.08.27

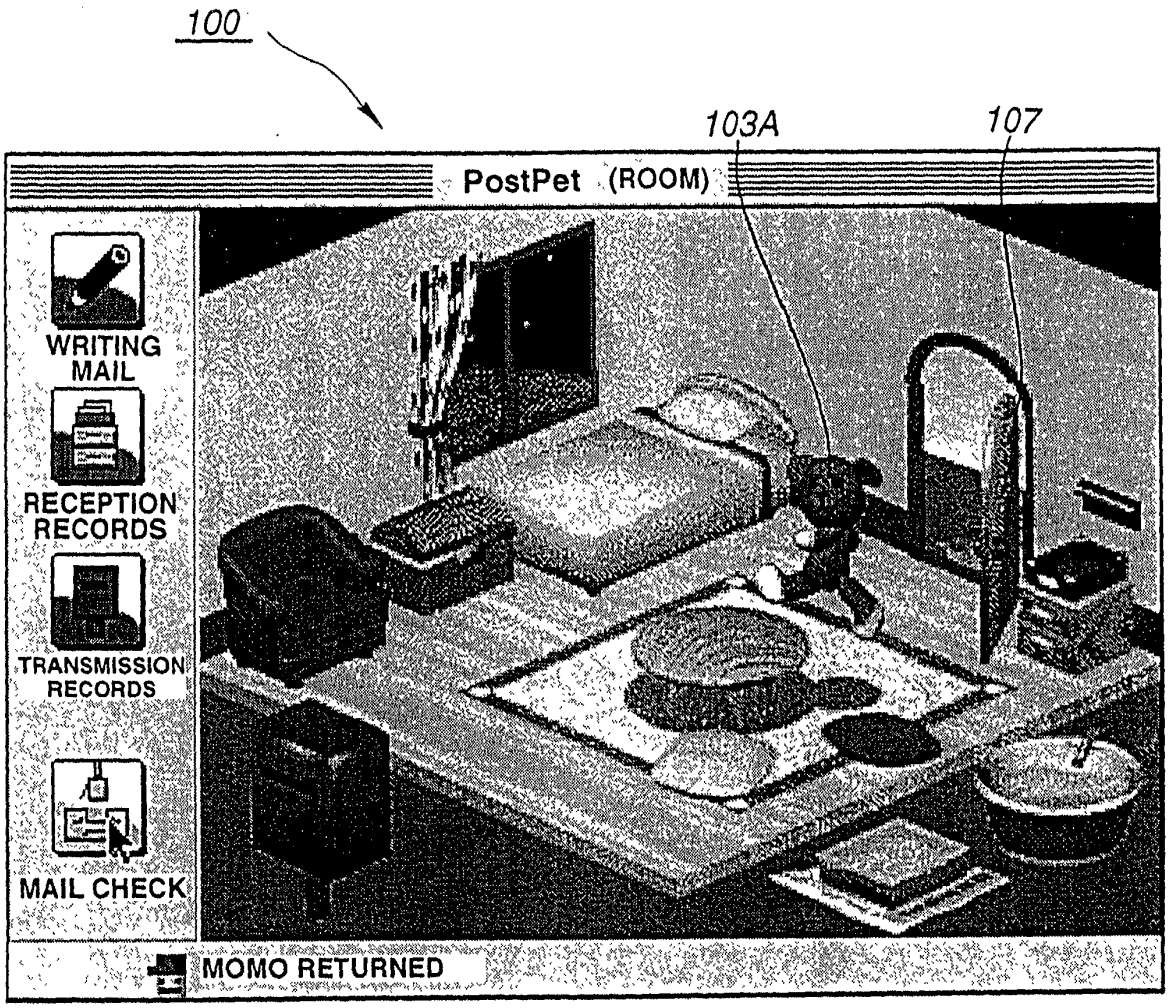

FIG.30

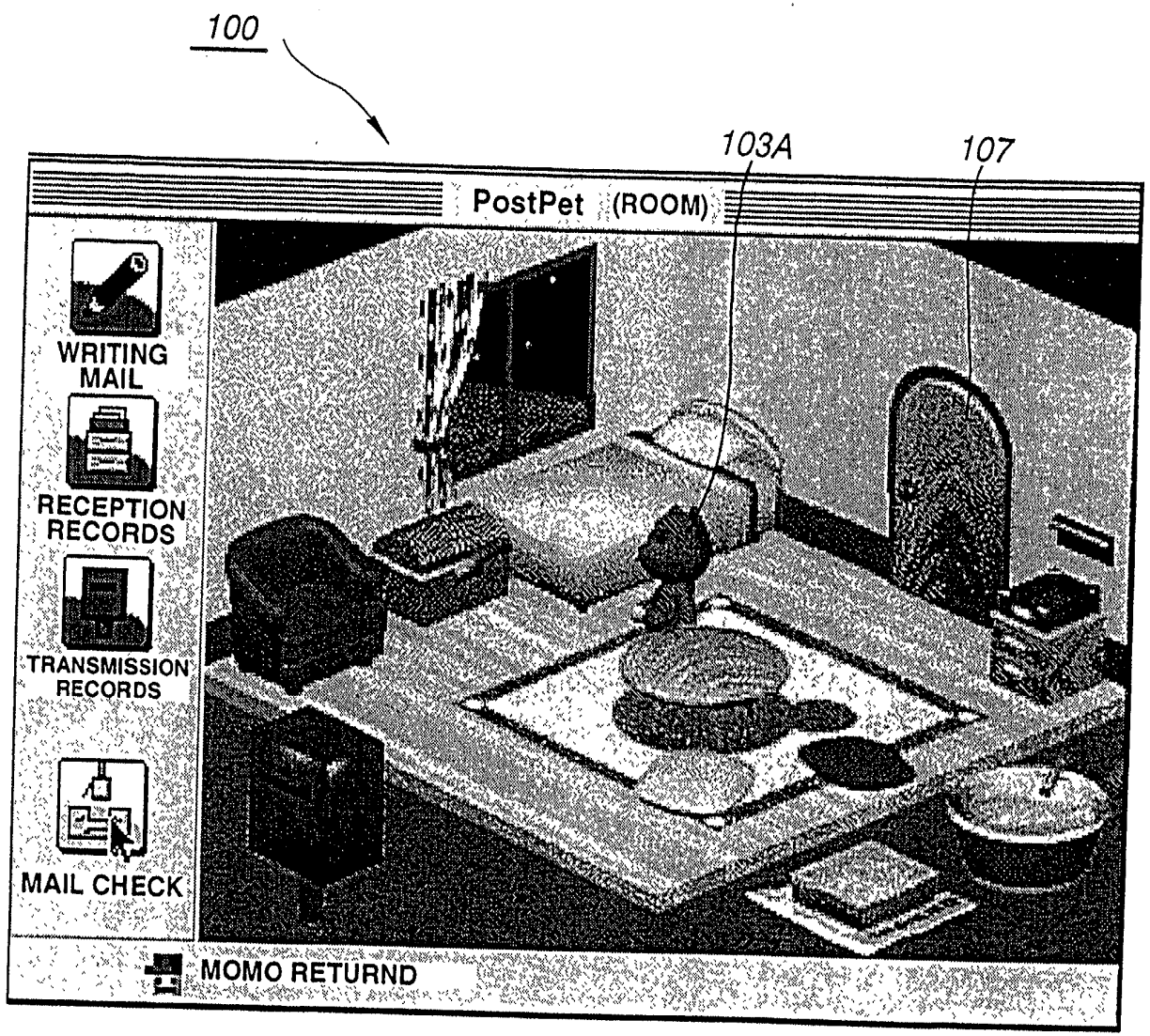
100
103A
107
PostPet (ROOM)
WRITING MAIL
RECEPTION RECORDS
TRANSMISSION RECORDS
MAIL CHECK
MOMO RETURND

FIG.31

30-3313-2552/2001

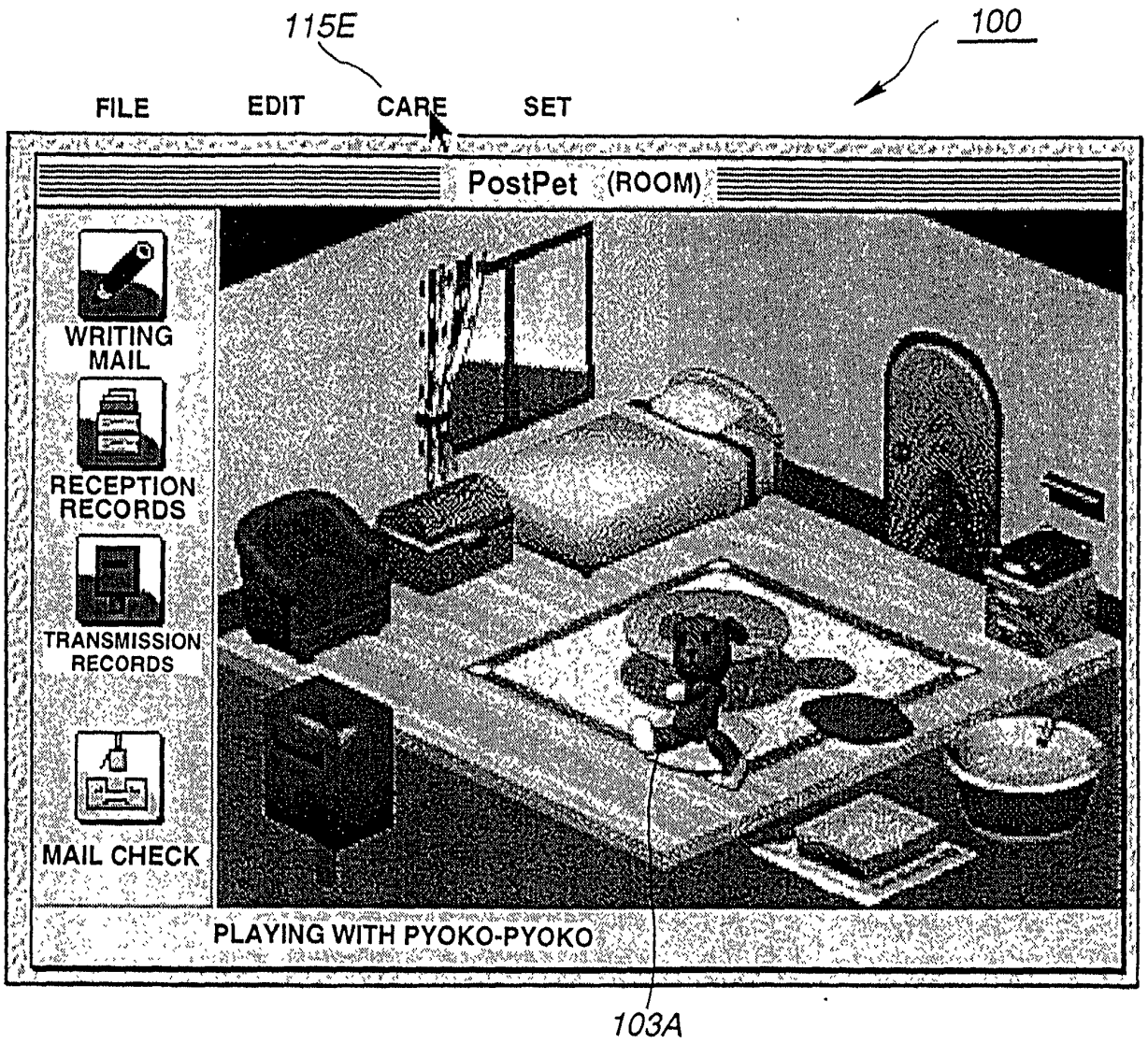

FIG.32

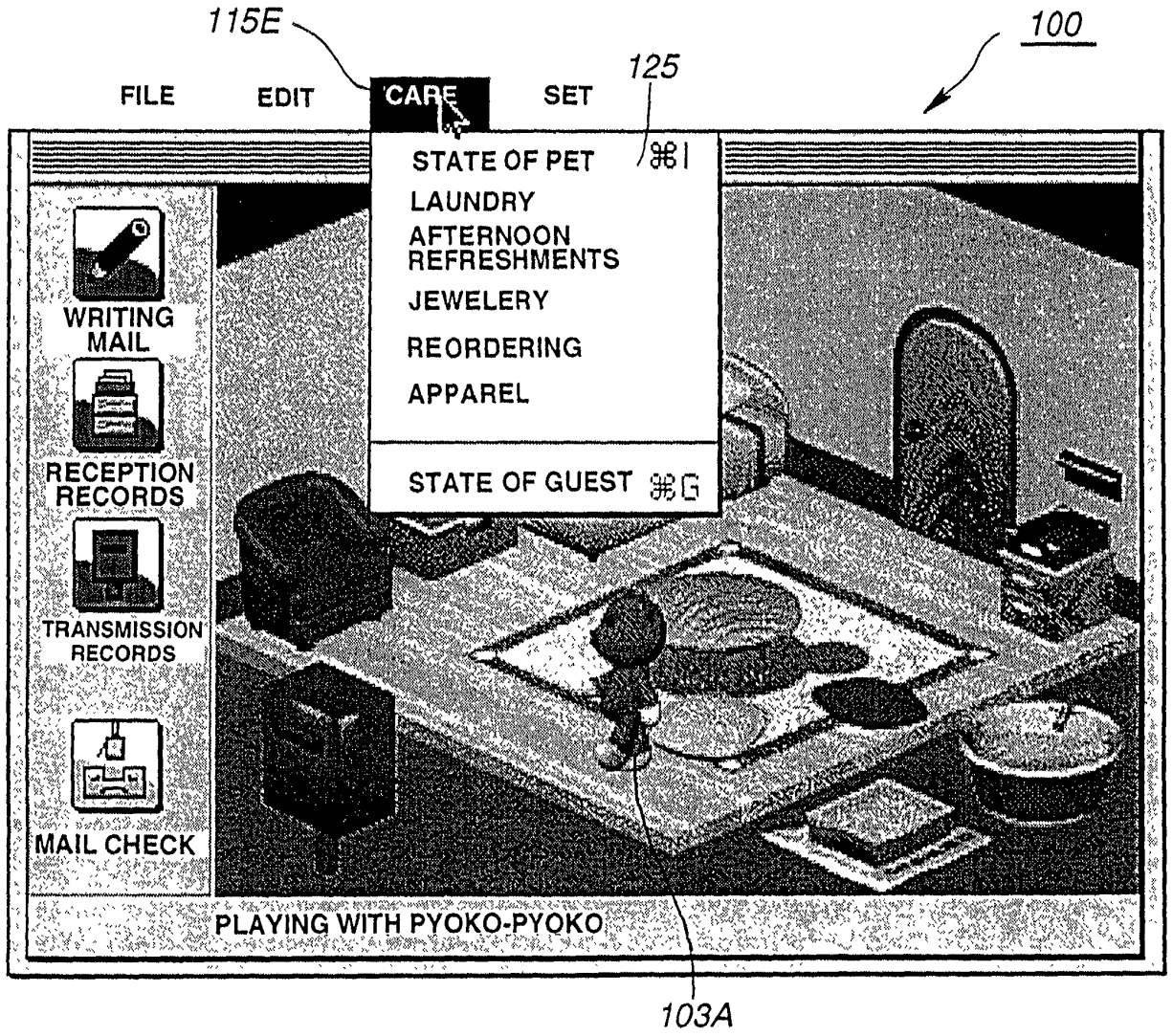
115E
100
125
FILE
EDIT
CARE
SET
STATE OF PET ⌘I
LAUNDRY
AFTERNOON REFRESHMENTS
JEWELERY
REORDERING
APPAREL
STATE OF GUEST ⌘G
WRITING MAIL
RECEPTION RECORDS
TRANSMISSION RECORDS
MAIL CHECK
PLAYING WITH PYOKO-PYOKO
103A

FIG.33

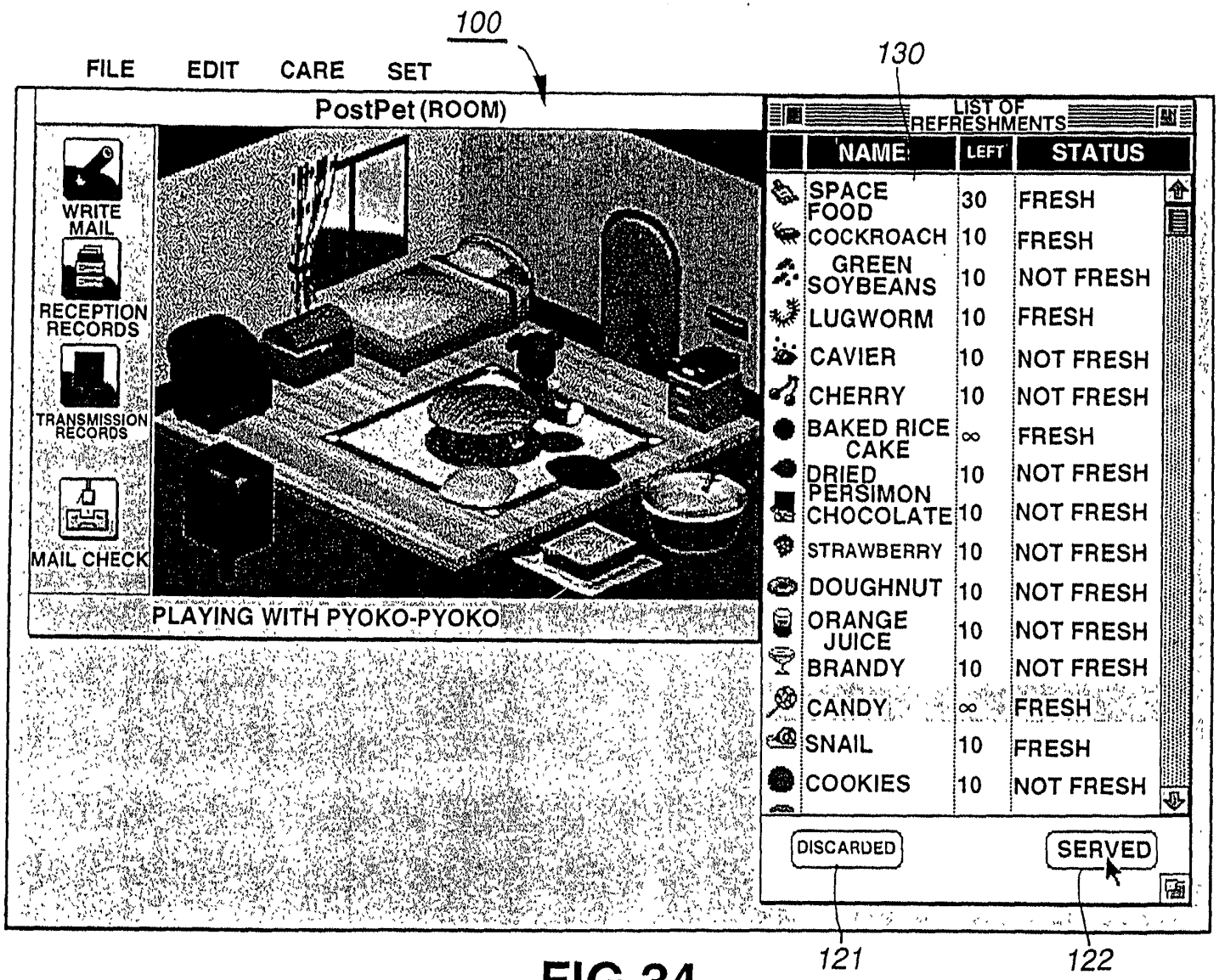
100
130
FILE
EDIT
CARE
SET
PostPet (ROOM)
WRITE MAIL
RECEPTION RECORDS
TRANSMISSION RECORDS
MAIL CHECK
PLAYING WITH PYOKO-PYOKO
LIST OF REFRESHMENTS
NAME
LEFT
STATUS
SPACE FOOD 30 FRESH
COCKROACH 10 FRESH
GREEN SOYBEANS 10 NOT FRESH
LUGWORM 10 FRESH
CAVIER 10 NOT FRESH
CHERRY 10 NOT FRESH
BAKED RICE CAKE ∞ FRESH
DRIED PERSIMON 10 NOT FRESH
CHOCOLATE 10 NOT FRESH
STRAWBERRY 10 NOT FRESH
DOUGHNUT 10 NOT FRESH
ORANGE JUICE 10 NOT FRESH
BRANDY 10 NOT FRESH
CANDY ∞ FRESH
SNAIL 10 FRESH
COOKIES 10 NOT FRESH
DISCARDED
SERVED
121
122

FIG.34

3,643,313 - 25-2007

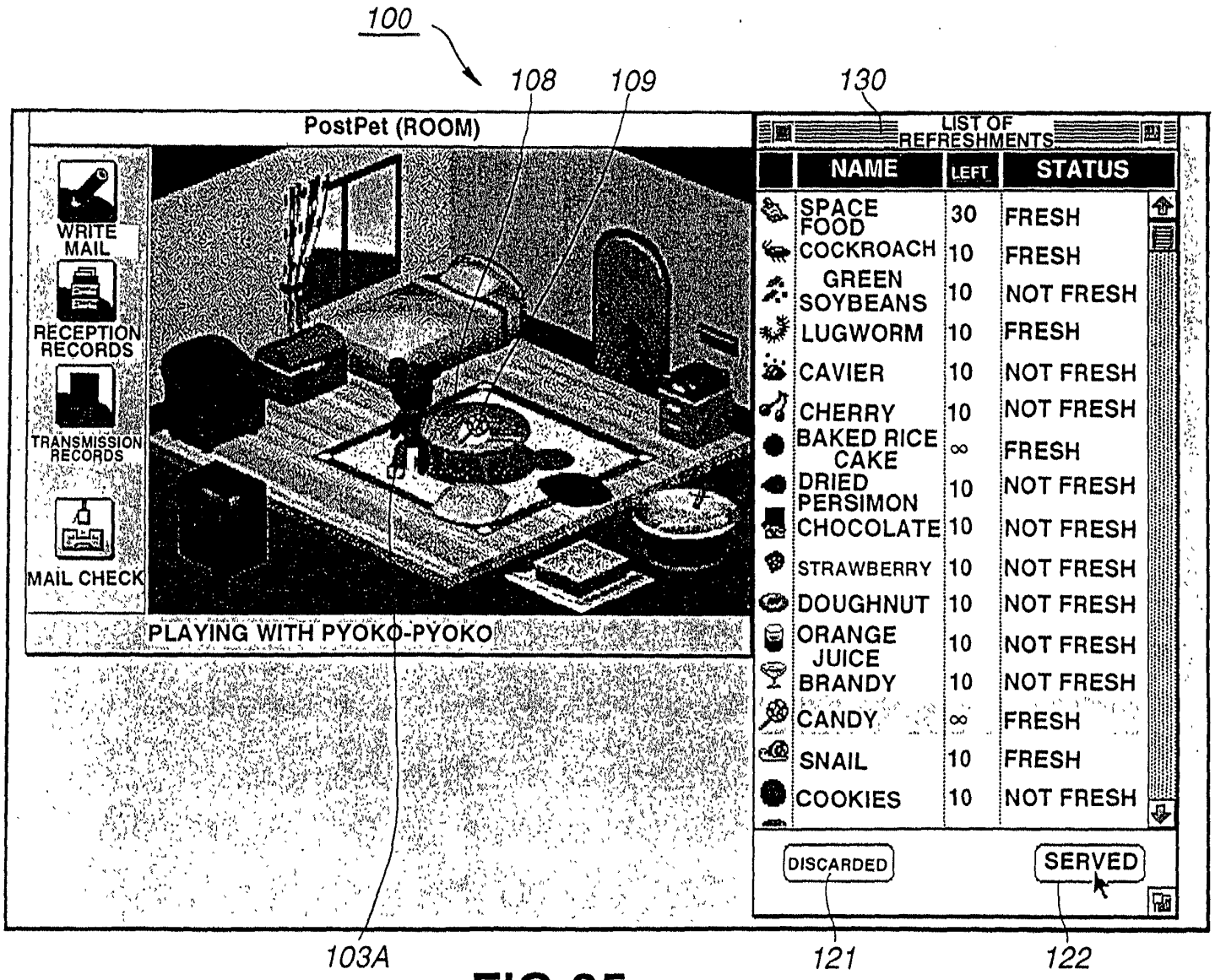

FIG.35

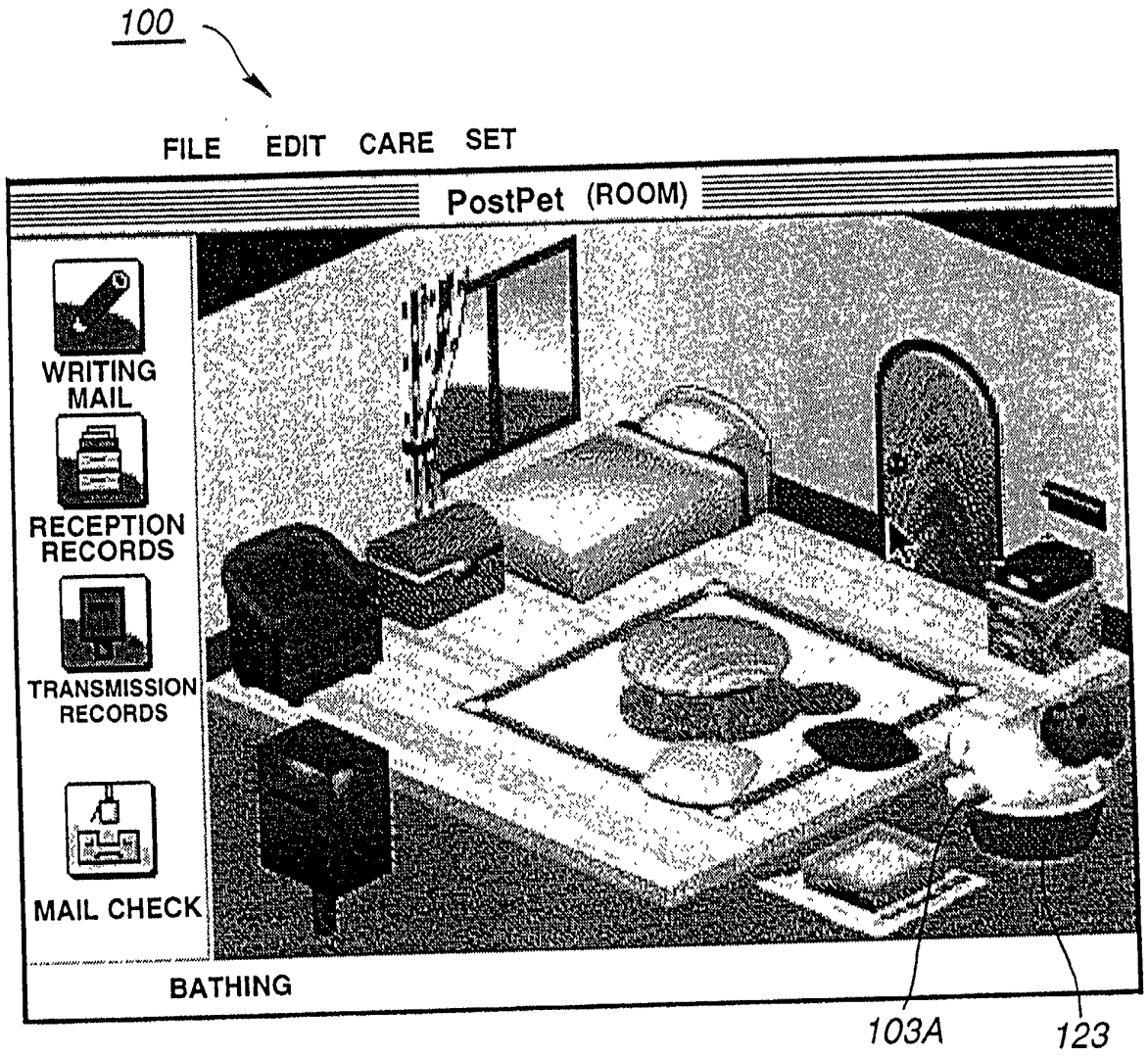
100
FILE
EDIT
CARE
SET
PostPet (ROOM)
WRITING MAIL
RECEPTION RECORDS
TRANSMISSION RECORDS
MAIL CHECK
BATHING
103A
123

FIG.36

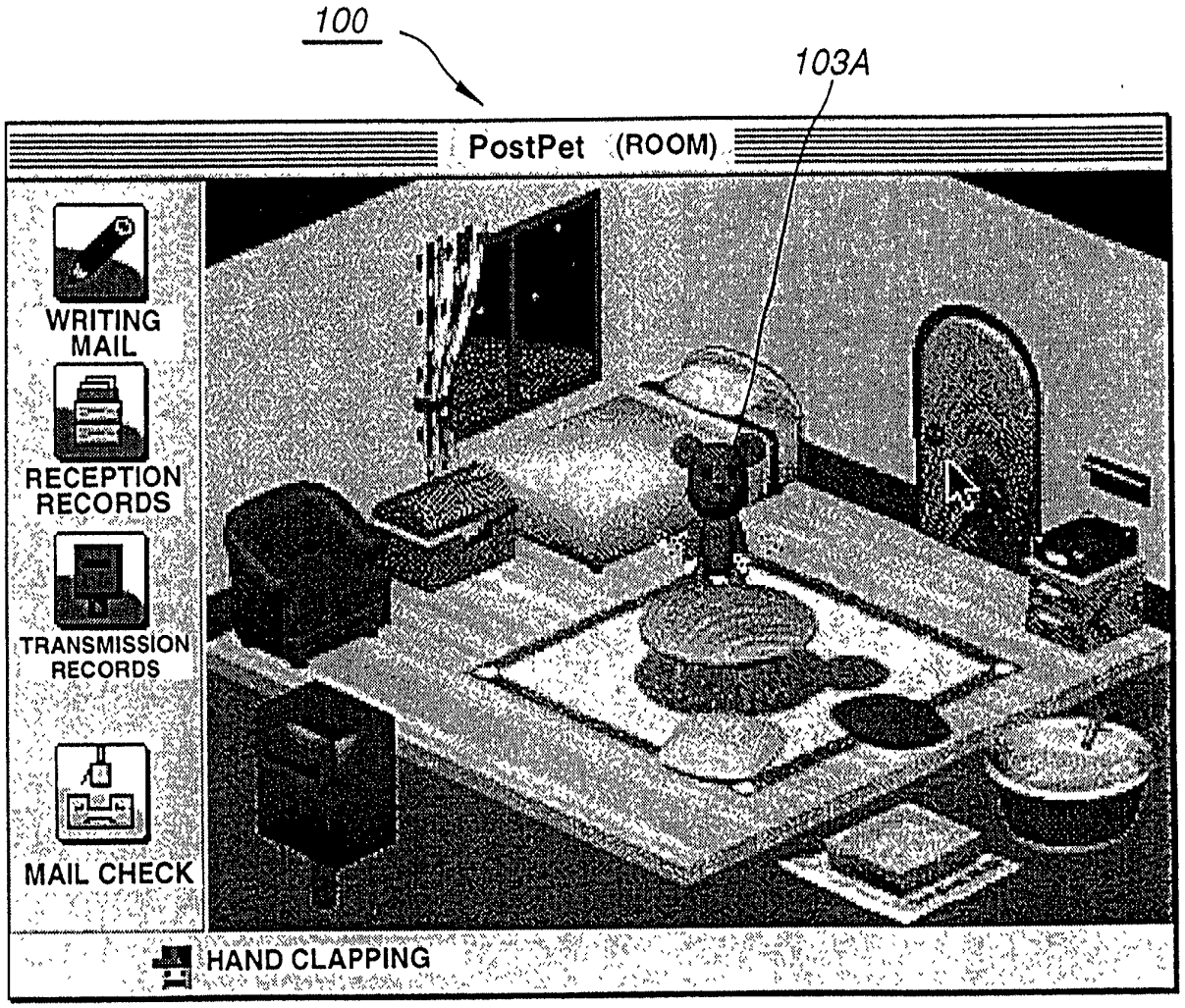
100
103A
PostPet (ROOM)
WRITING MAIL
RECEPTION RECORDS
TRANSMISSION RECORDS
MAIL CHECK
HAND CLAPPING

FIG.37

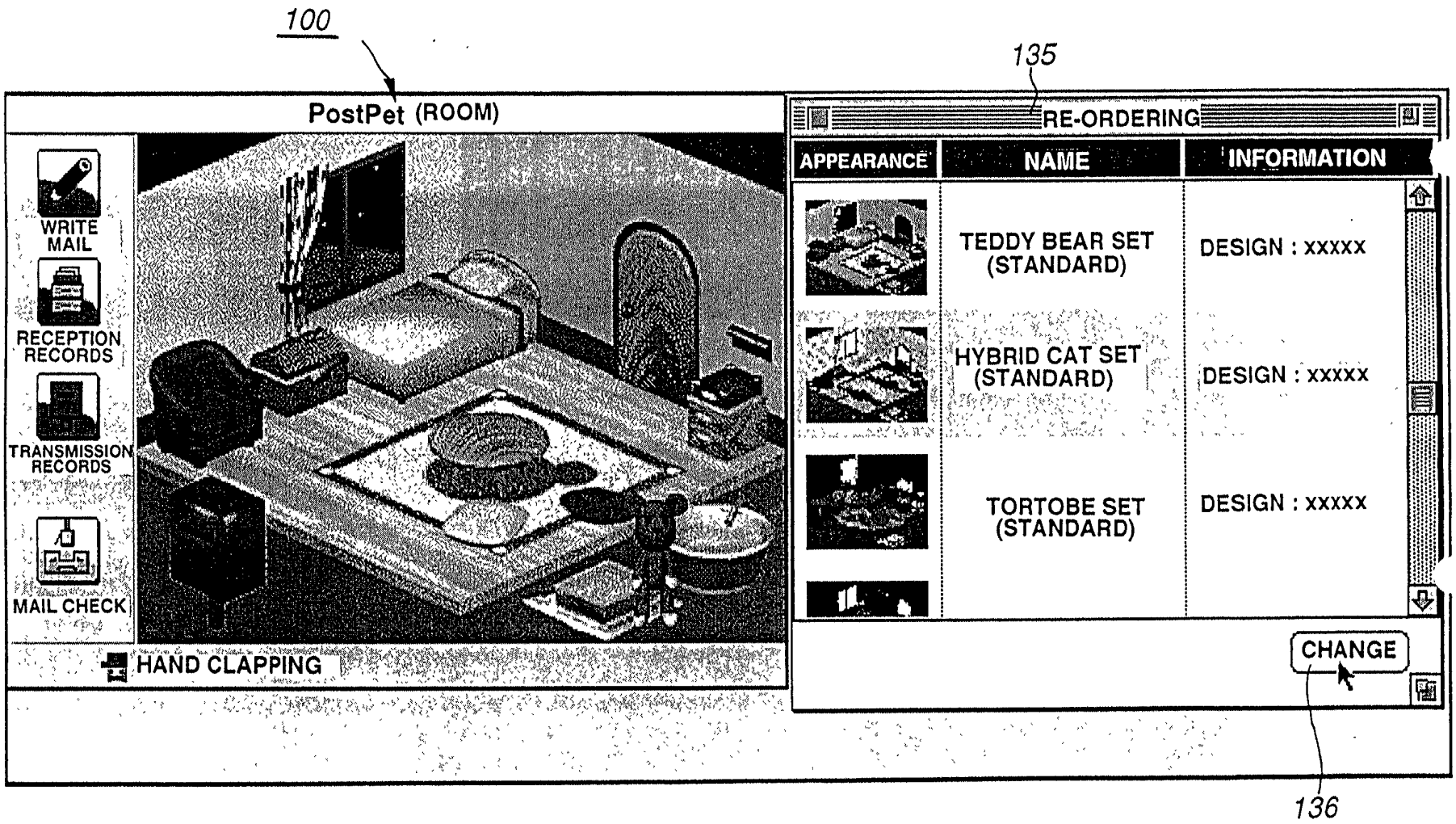
100
135
PostPet (ROOM)
WRITE MAIL
RECEPTION RECORDS
TRANSMISSION RECORDS
MAIL CHECK
HAND CLAPPING
RE-ORDERING
APPEARANCE
NAME
INFORMATION
TEDDY BEAR SET (STANDARD)
DESIGN : xxxxx
HYBRID CAT SET (STANDARD)
DESIGN : xxxxx
TORTOBE SET (STANDARD)
DESIGN : xxxxx
CHANGE
136

FIG.38

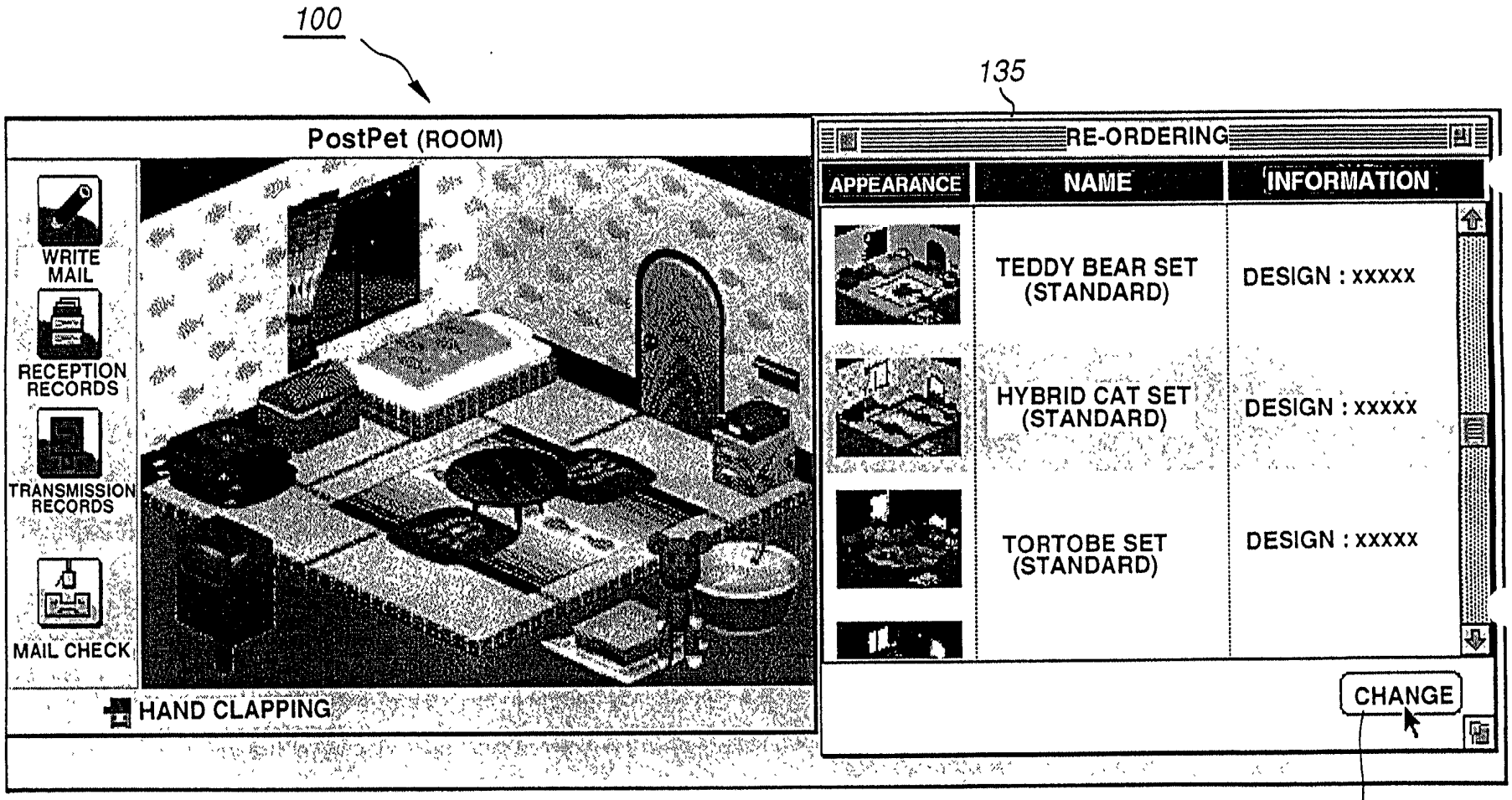
100
135
PostPet (ROOM)
WRITE MAIL
RECEPTION RECORDS
TRANSMISSION RECORDS
MAIL CHECK
HAND CLAPPING
RE-ORDERING
APPEARANCE
NAME
INFORMATION
TEDDY BEAR SET (STANDARD)
DESIGN : xxxxx
HYBRID CAT SET (STANDARD)
DESIGN : xxxxx
TORTOBE SET (STANDARD)
DESIGN : xxxxx
CHANGE
136

FIG.39

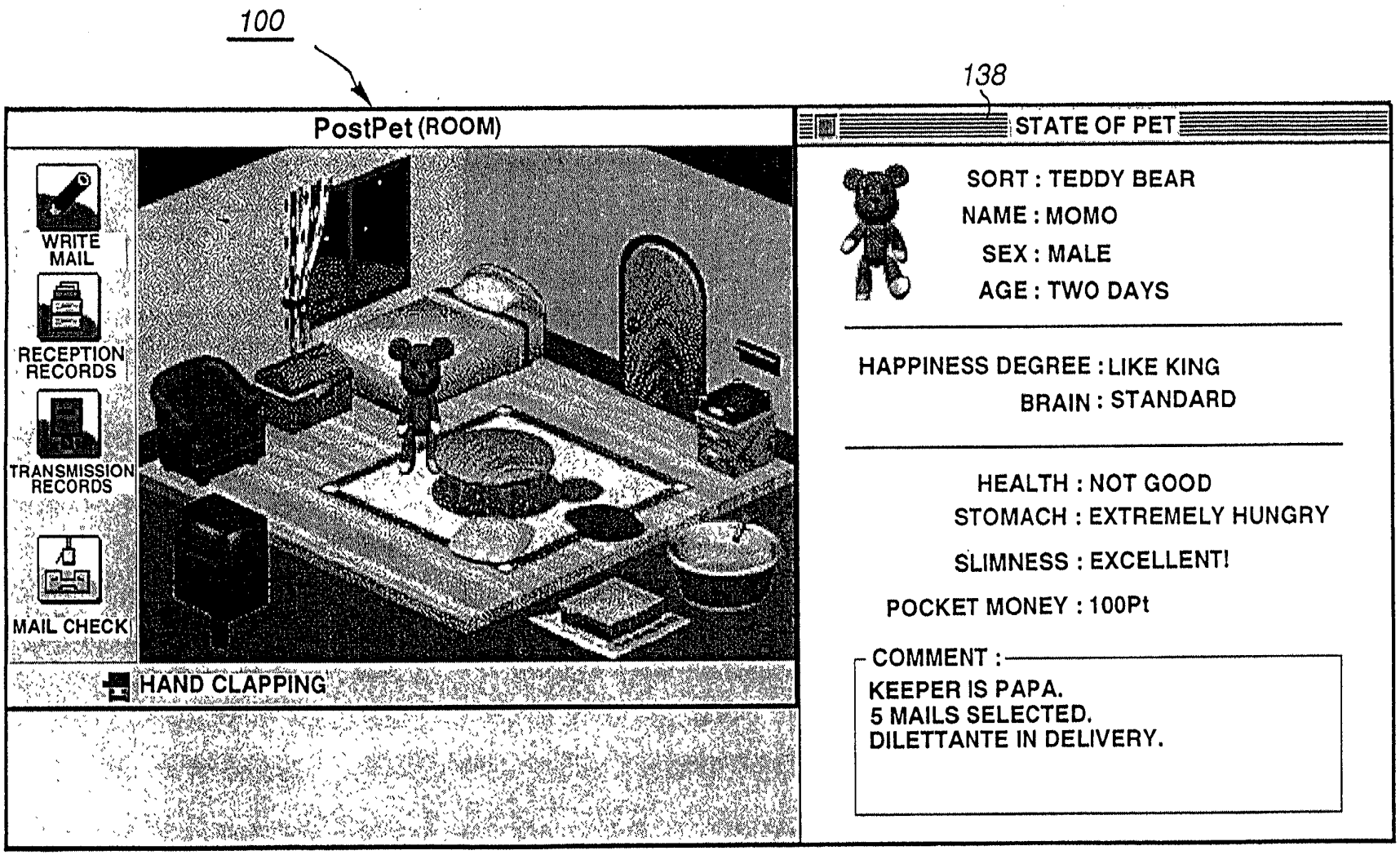
100
138
PostPet (ROOM)
STATE OF PET
WRITE MAIL
RECEPTION RECORDS
TRANSMISSION RECORDS
MAIL CHECK
HAND CLAPPING
SORT : TEDDY BEAR
NAME : MOMO
SEX : MALE
AGE : TWO DAYS
HAPPINESS DEGREE : LIKE KING
BRAIN : STANDARD
HEALTH : NOT GOOD
STOMACH : EXTREMELY HUNGRY
SLIMNESS : EXCELLENT!
POCKET MONEY : 100Pt
COMMENT :
KEEPER IS PAPA.
5 MAILS SELECTED.
DILETTANTE IN DELIVERY.

FIG.40

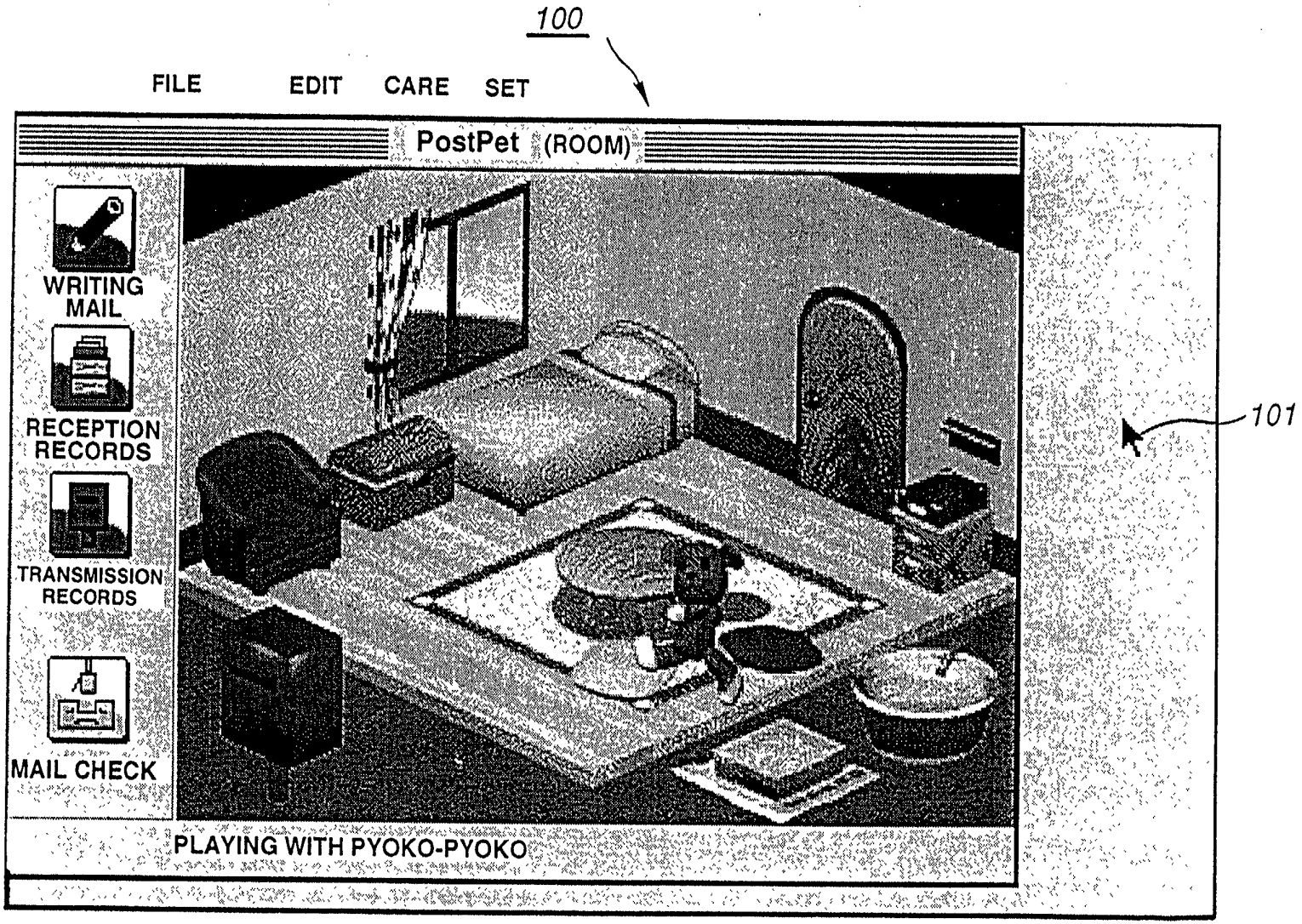
100
FILE
EDIT
CARE
SET
PostPet (ROOM)
WRITING MAIL
RECEPTION RECORDS
TRANSMISSION RECORDS
MAIL CHECK
PLAYING WITH PYOKO-PYOKO
101

FIG.41

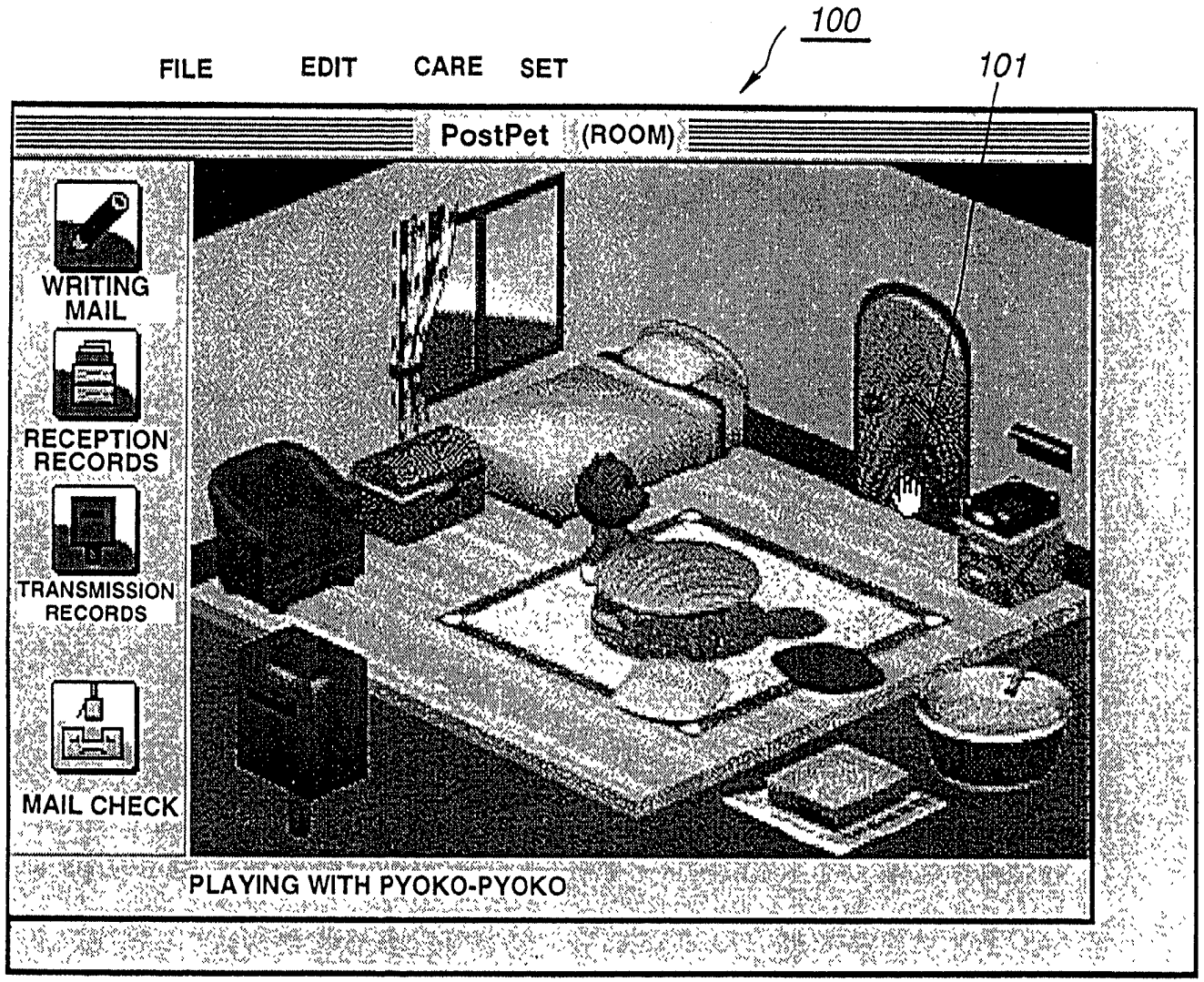
100
101
FILE
EDIT
CARE
SET
PostPet
(ROOM)
WRITING MAIL
RECEPTION RECORDS
TRANSMISSION RECORDS
MAIL CHECK
PLAYING WITH PYOKO-PYOKO

FIG.42

SUBSTITUTE SHEET

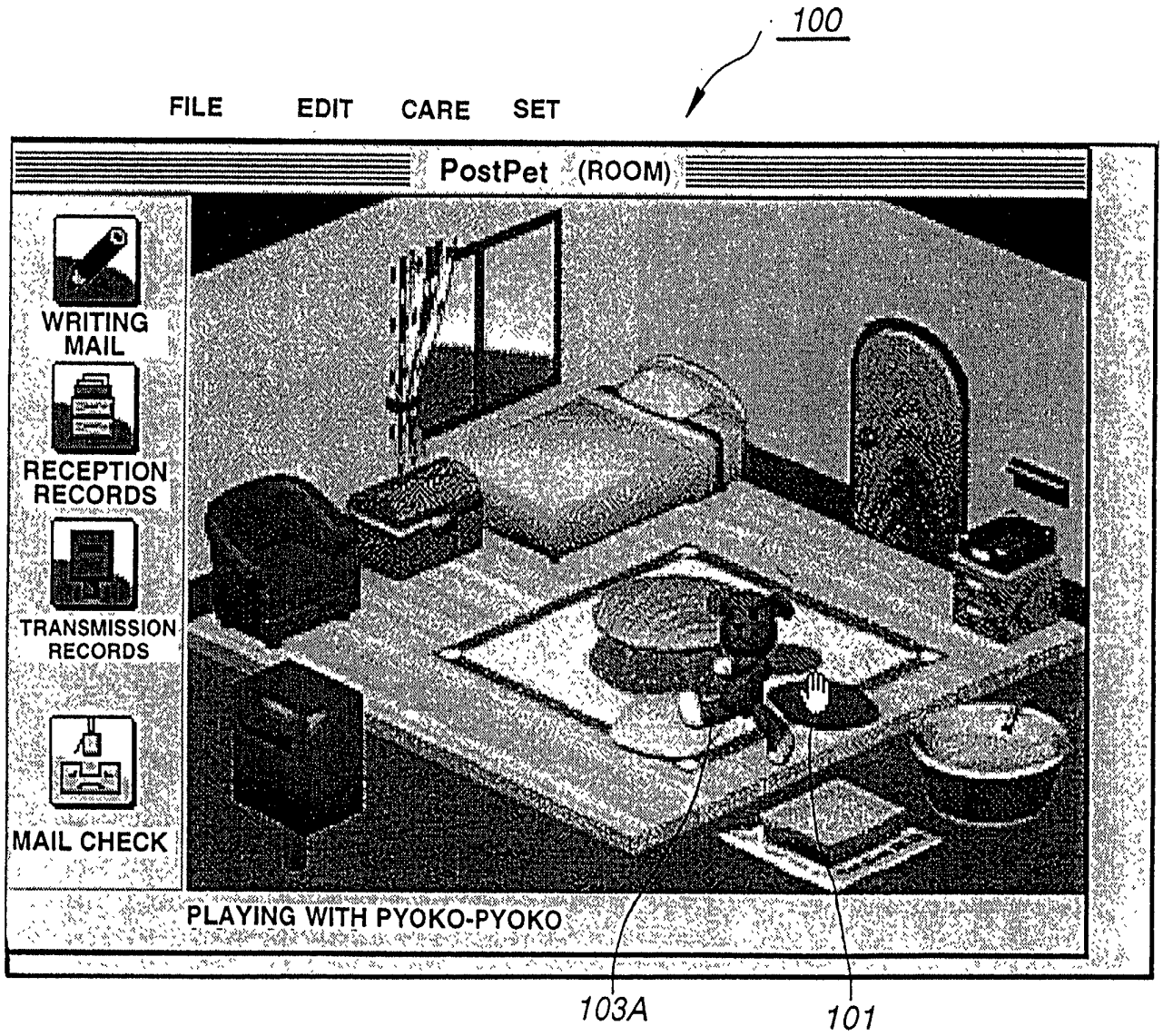

FIG.43

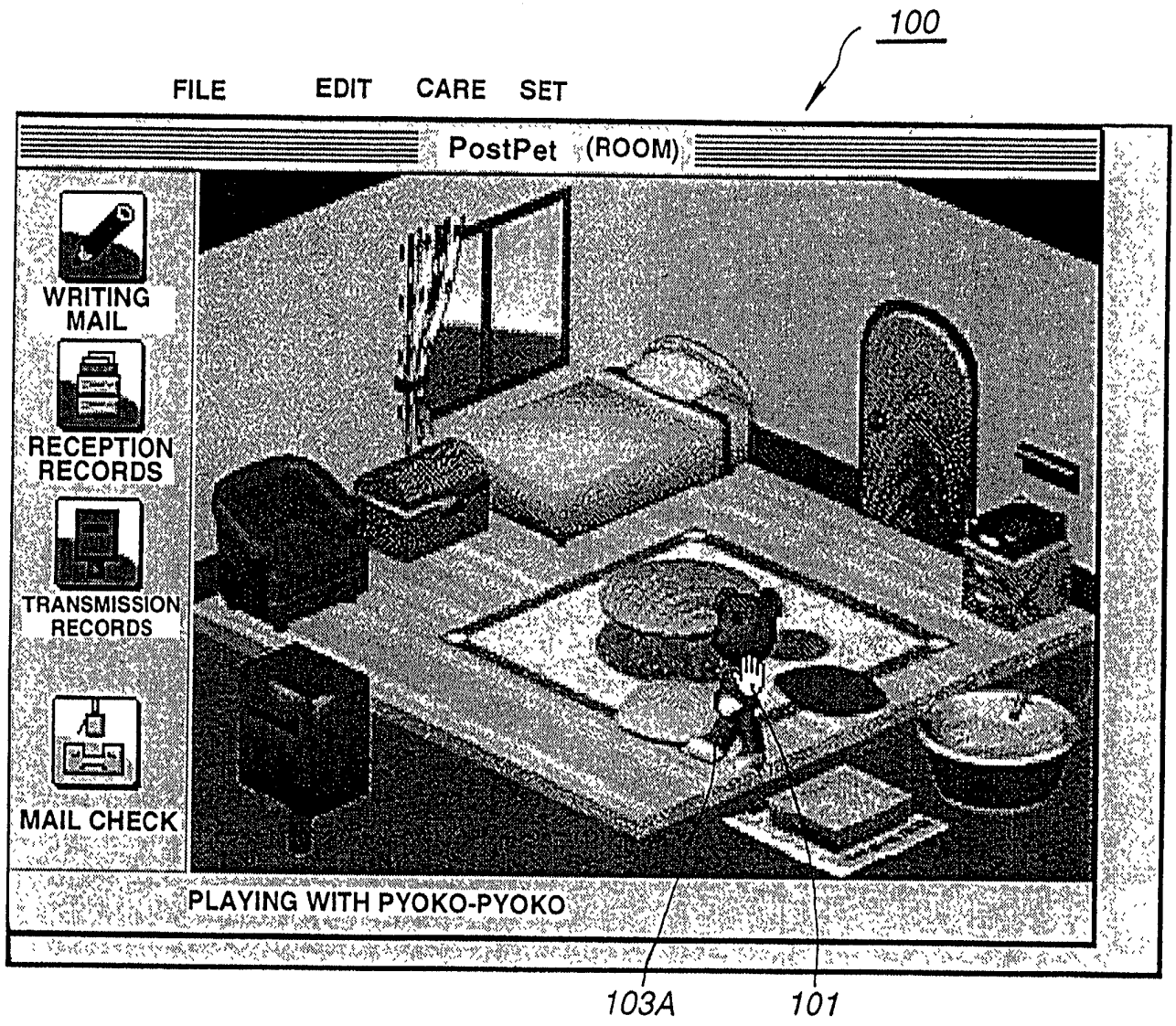
100
FILE
EDIT
CARE
SET
PostPet (ROOM)
WRITING MAIL
RECEPTION RECORDS
TRANSMISSION RECORDS
MAIL CHECK
PLAYING WITH PYOKO-PYOKO
103A
101

FIG.44

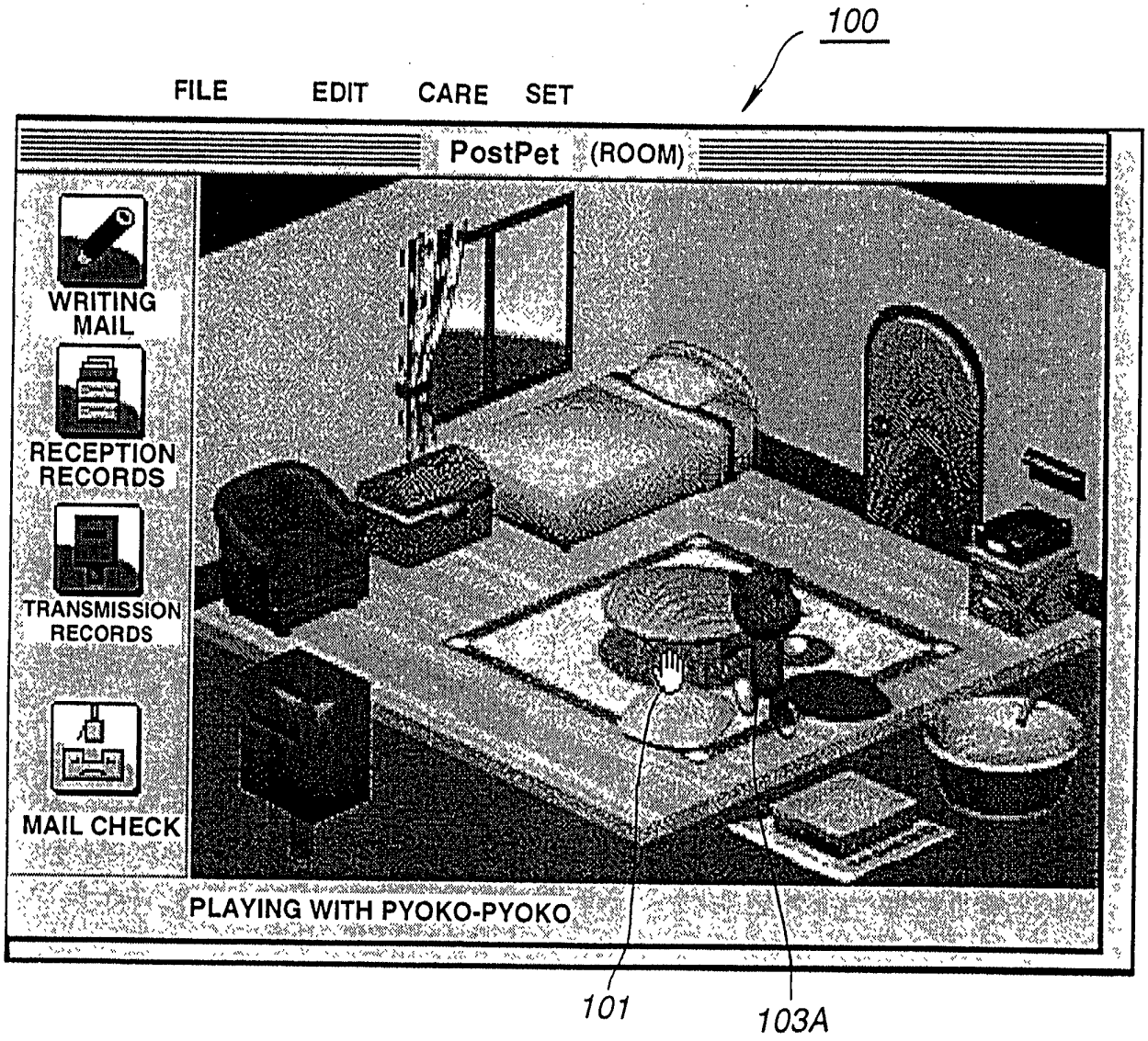
100
FILE
EDIT
CARE
SET
PostPet (ROOM)
WRITING MAIL
RECEPTION RECORDS
TRANSMISSION RECORDS
MAIL CHECK
PLAYING WITH PYOKO-PYOKO
101
103A

FIG.45

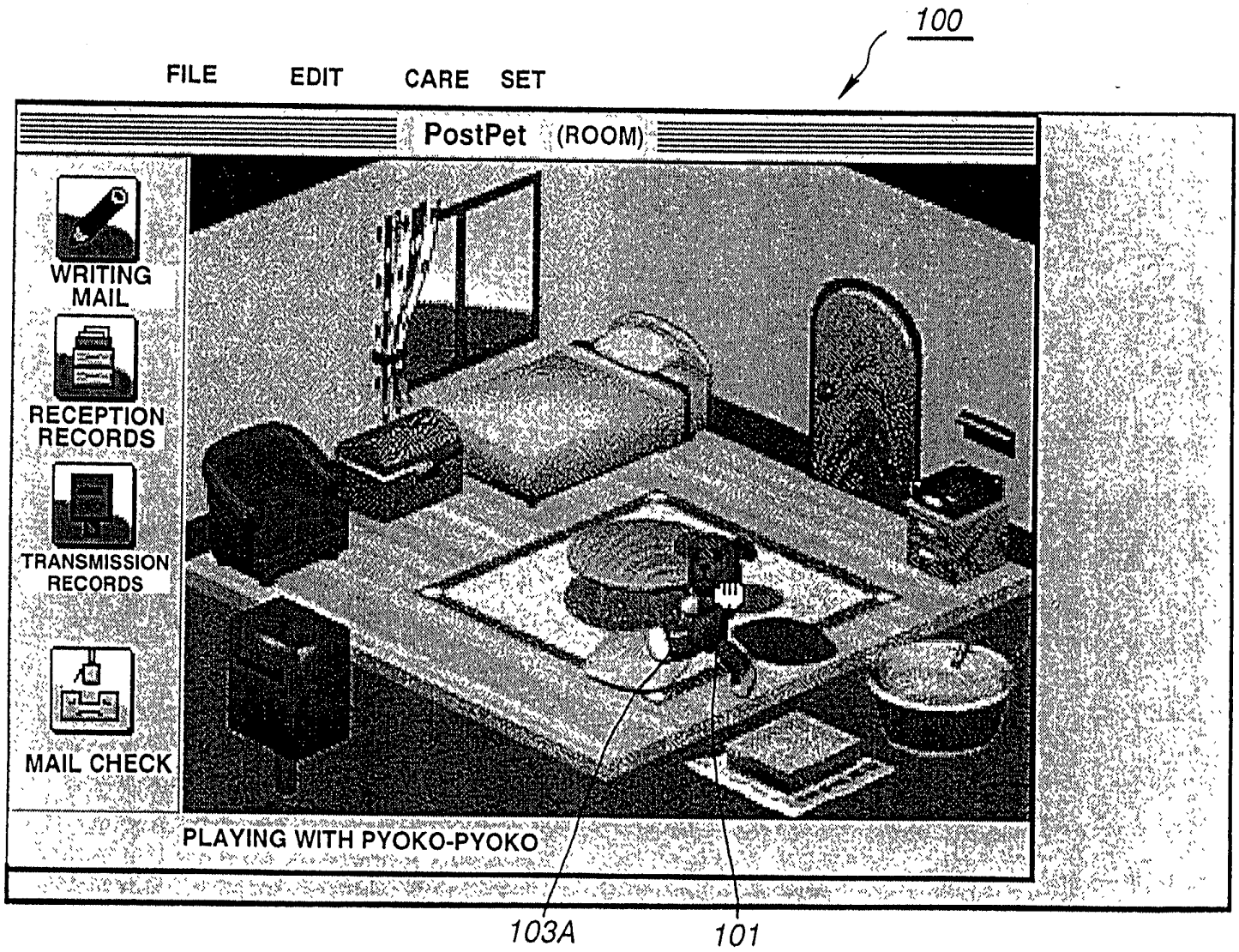
100
FILE
EDIT
CARE
SET
PostPet (ROOM)
WRITING MAIL
RECEPTION RECORDS
TRANSMISSION RECORDS
MAIL CHECK
PLAYING WITH PYOKO-PYOKO
103A
101

FIG.46

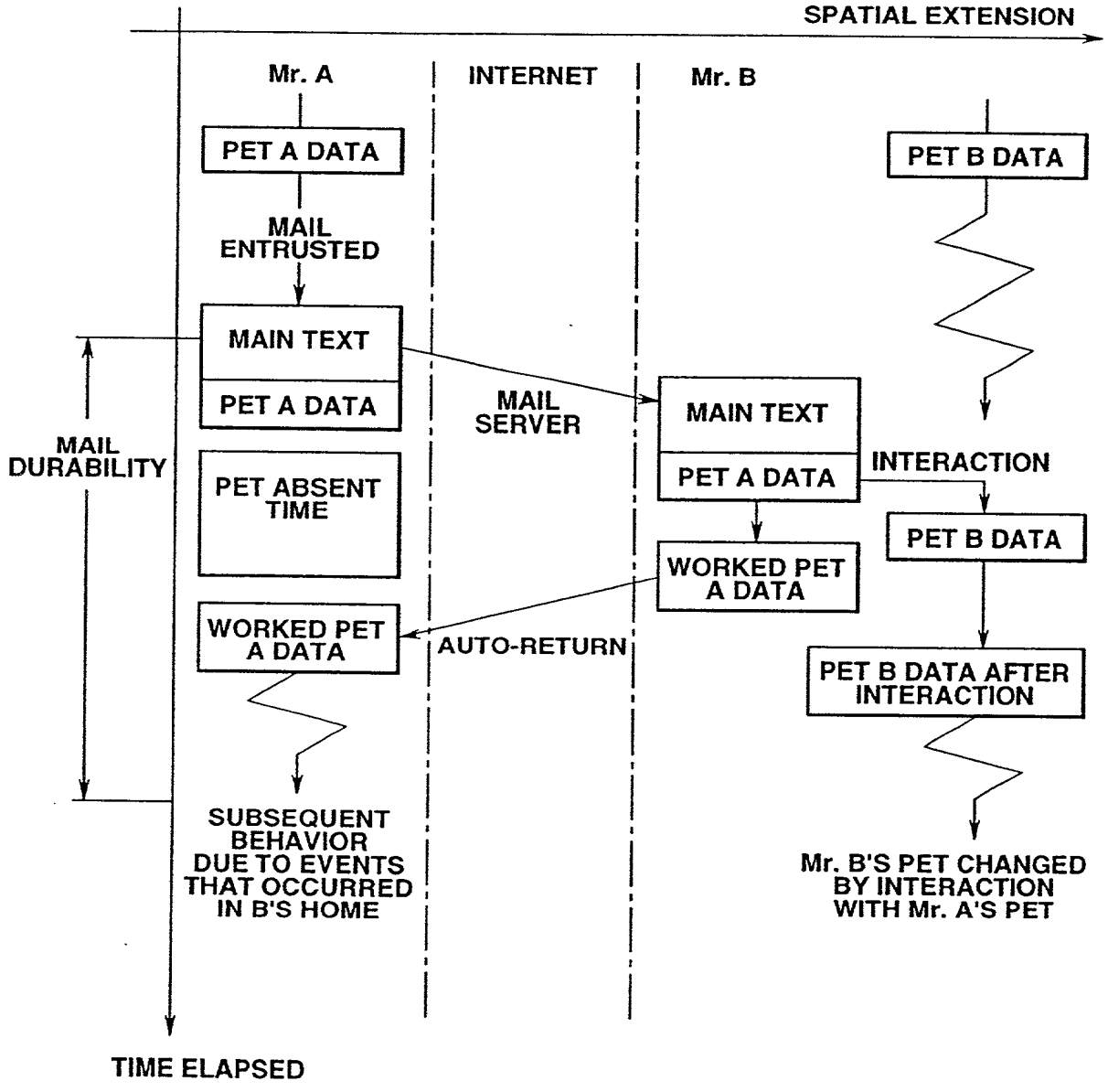
SPATIAL EXTENSION
Mr. A
INTERNET
Mr. B
PET A DATA
MAIL ENTRUSTED
MAIN TEXT
PET A DATA
MAIL DURABILITY
PET ABSENT TIME
WORKED PET A DATA
SUBSEQUENT BEHAVIOR DUE TO EVENTS THAT OCCURRED IN B'S HOME
MAIL SERVER
AUTO-RETURN
MAIN TEXT
PET A DATA
WORKED PET A DATA
PET B DATA
INTERACTION
PET B DATA
PET B DATA AFTER INTERACTION
Mr. B'S PET CHANGED BY INTERACTION WITH Mr. A'S PET
TIME ELAPSED

FIG.47

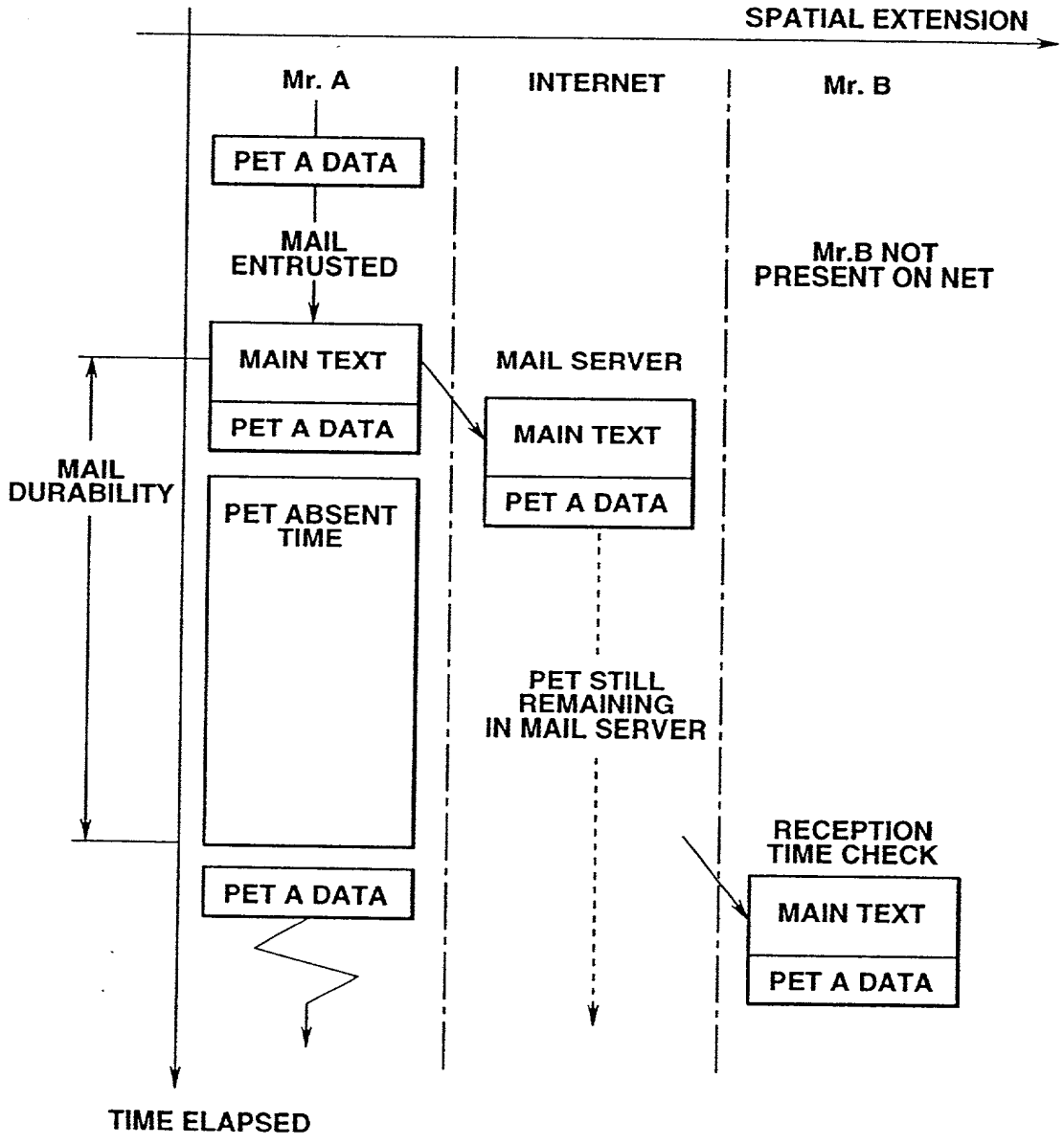
SPATIAL EXTENSION
Mr. A
INTERNET
Mr. B
PET A DATA
MAIL ENTRUSTED
Mr.B NOT PRESENT ON NET
MAIN TEXT
PET A DATA
MAIL SERVER
MAIN TEXT
PET A DATA
MAIL DURABILITY
PET ABSENT TIME
PET STILL REMAINING IN MAIL SERVER
RECEPTION TIME CHECK
PET A DATA
MAIN TEXT
PET A DATA
TIME ELAPSED

FIG.48

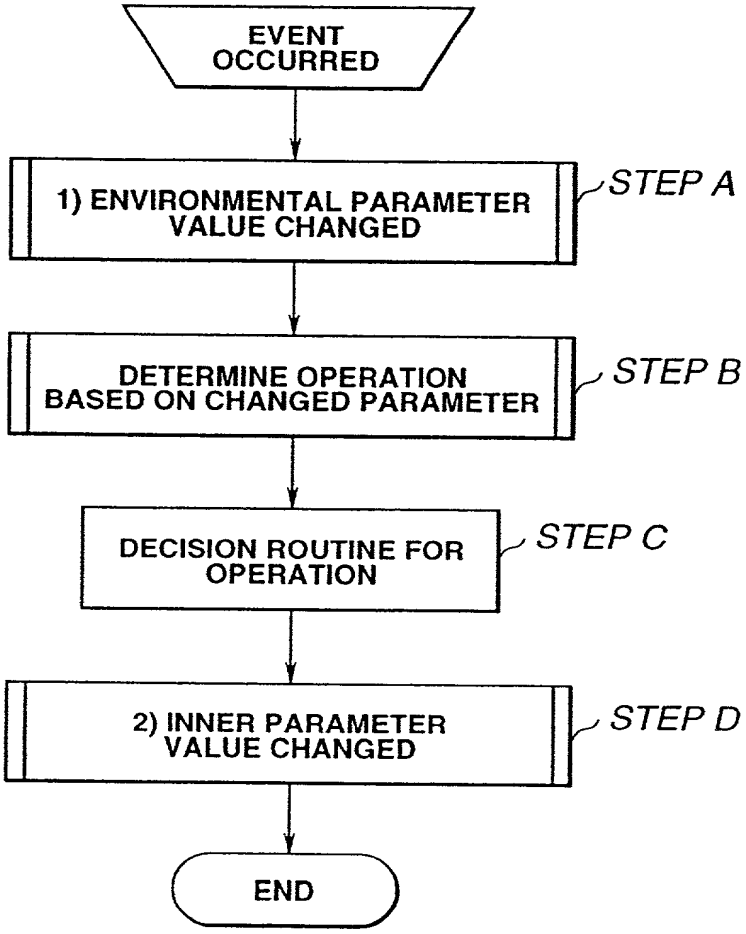
EVENT OCCURRED
1) ENVIRONMENTAL PARAMETER VALUE CHANGED
STEP A
DETERMINE OPERATION BASED ON CHANGED PARAMETER
STEP B
DECISION ROUTINE FOR OPERATION
STEP C
2) INNER PARAMETER VALUE CHANGED
STEP D
END

FIG.49

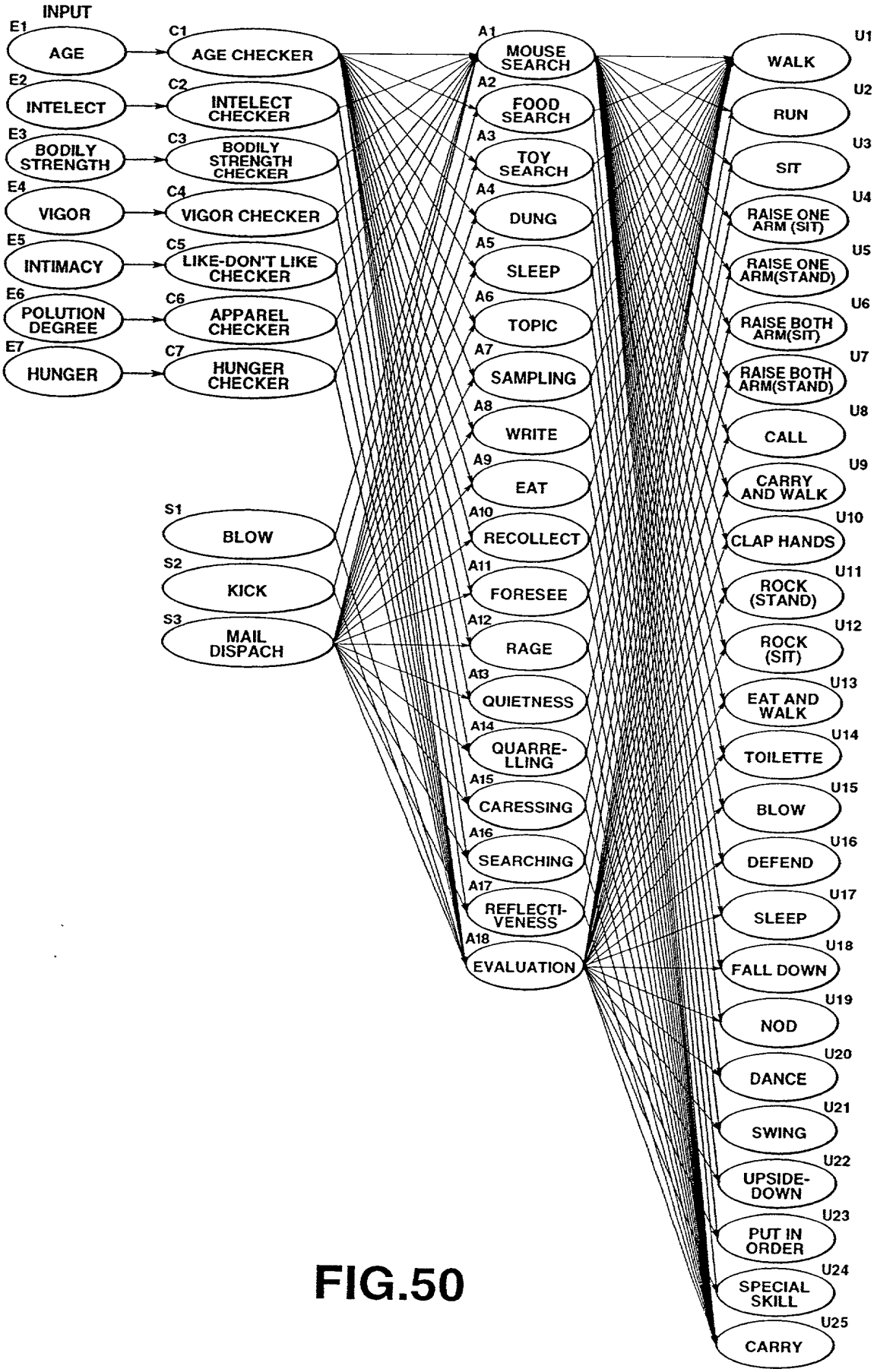
INPUT
E1
AGE
E2
INTELECT
E3
BODILY STRENGTH
E4
VIGOR
E5
INTIMACY
E6
POLUTION DEGREE
E7
HUNGER
C1
AGE CHECKER
C2
INTELECT CHECKER
C3
BODILY STRENGTH CHECKER
C4
VIGOR CHECKER
C5
LIKE-DON'T LIKE CHECKER
C6
APPAREL CHECKER
C7
HUNGER CHECKER
S1
BLOW
S2
KICK
S3
MAIL DISPACH
A1
MOUSE SEARCH
A2
FOOD SEARCH
A3
TOY SEARCH
A4
DUNG
A5
SLEEP
A6
TOPIC
A7
SAMPLING
A8
WRITE
A9
EAT
A10
RECOLLECT
A11
FORESEE
A12
RAGE
A13
QUIETNESS
A14
QUARRE-LLING
A15
CARESSING
A16
SEARCHING
A17
REFLECTI-VENESS
A18
EVALUATION
U1
WALK
U2
RUN
U3
SIT
U4
RAISE ONE ARM (SIT)
U5
RAISE ONE ARM(STAND)
U6
RAISE BOTH ARM(SIT)
U7
RAISE BOTH ARM(STAND)
U8
CALL
U9
CARRY AND WALK
U10
CLAP HANDS
U11
ROCK (STAND)
U12
ROCK (SIT)
U13
EAT AND WALK
U14
TOILETTE
U15
BLOW
U16
DEFEND
U17
SLEEP
U18
FALL DOWN
U19
NOD
U20
DANCE
U21
SWING
U22
UPSIDE-DOWN
U23
PUT IN ORDER
U24
SPECIAL SKILL
U25
CARRY

FIG.50

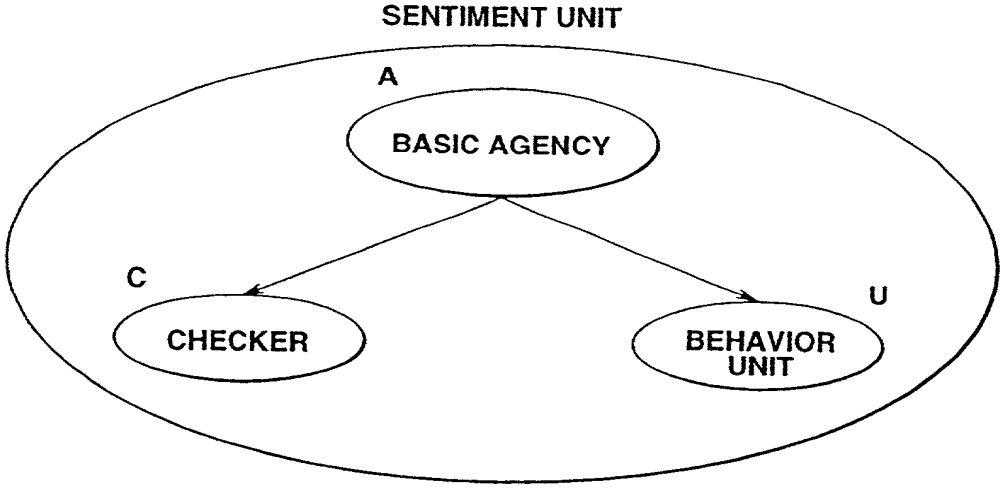
SENTIMENT UNIT
A
BASIC AGENCY
C
CHECKER
U
BEHAVIOR UNIT

FIG.51

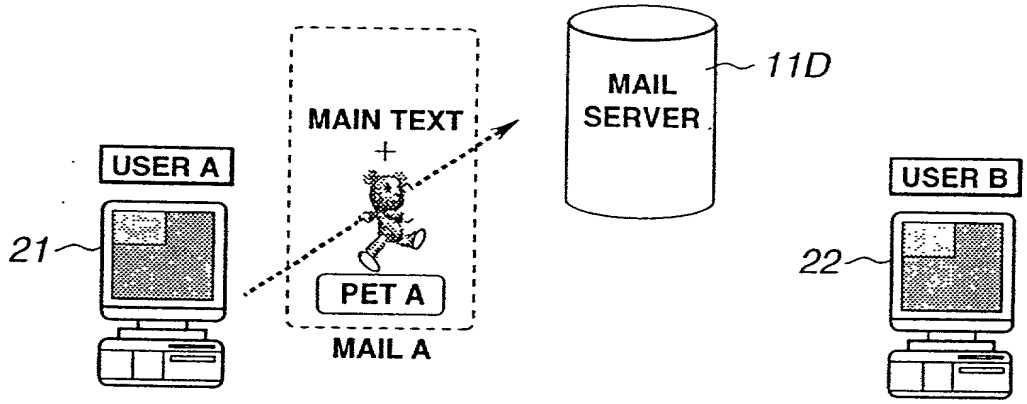
MAIN TEXT
+
PET A
MAIL A
MAIL SERVER
11D
USER A
21
USER B
22

FIG.52

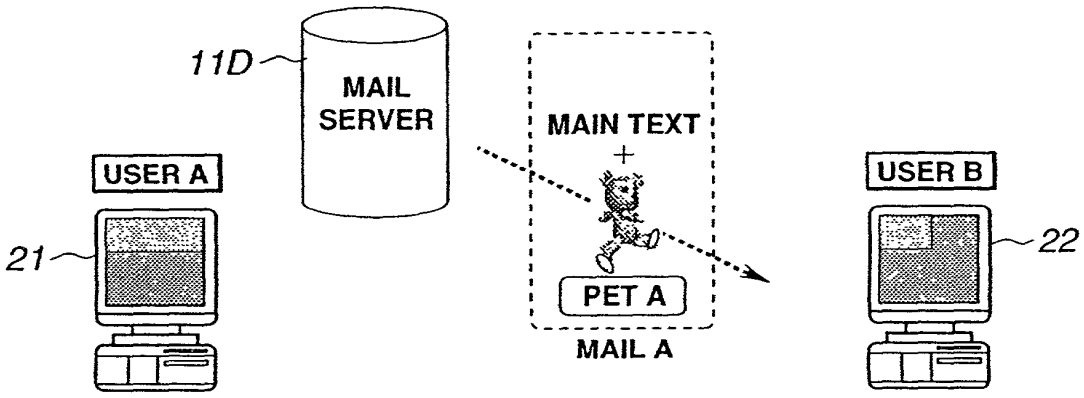

FIG.53

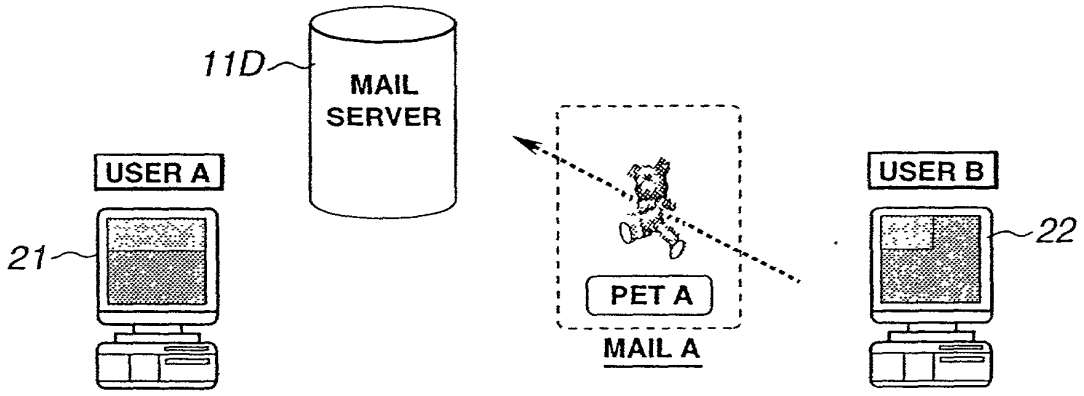

FIG.54

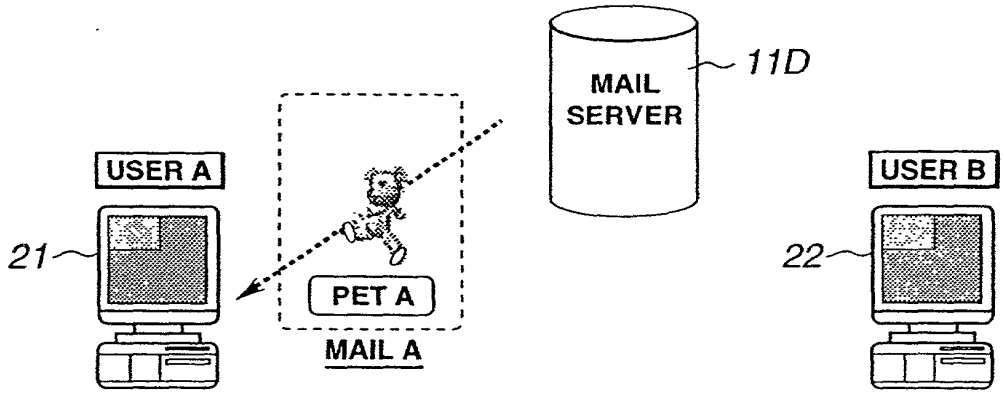

FIG.55

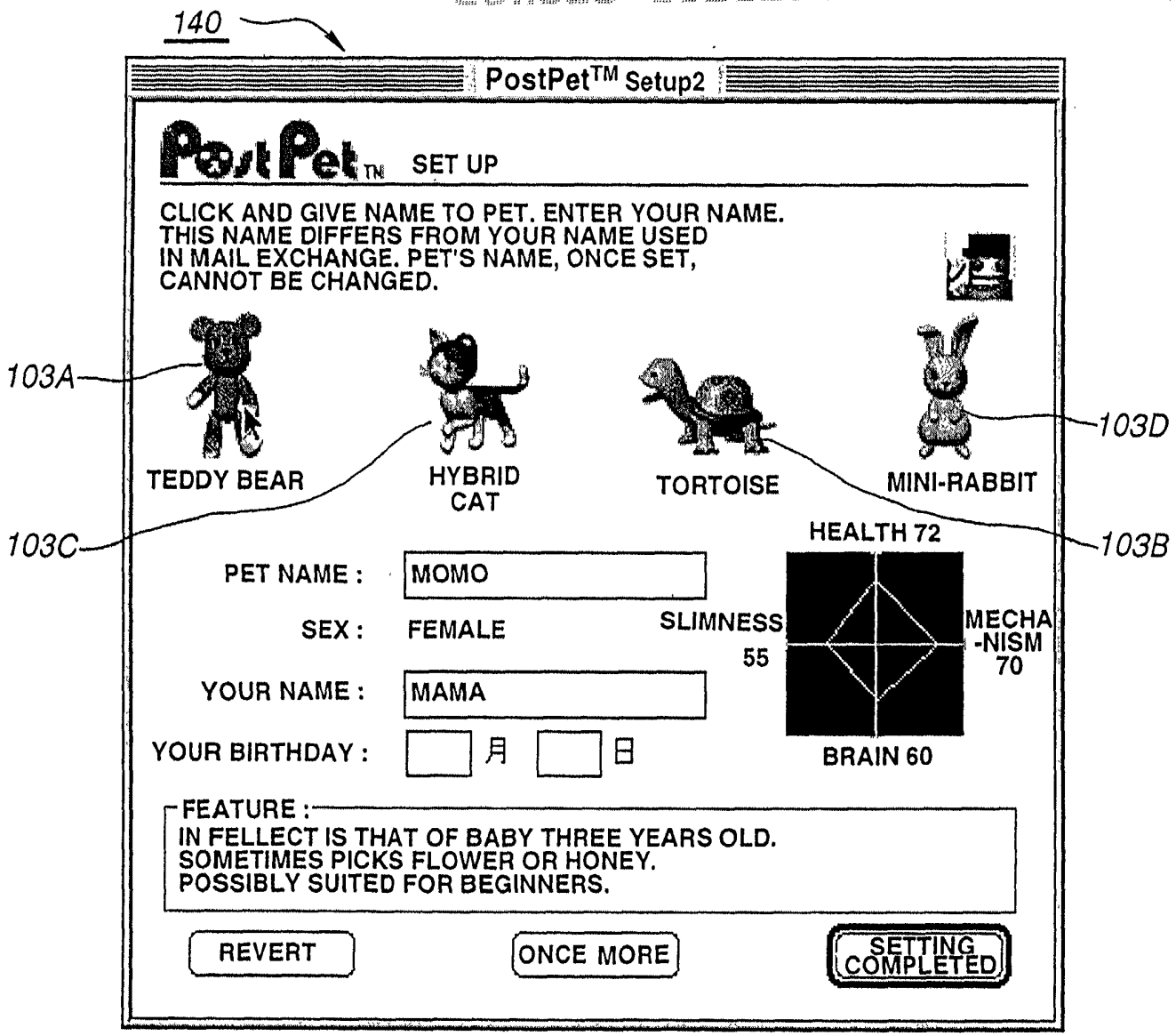
140
PostPet™ Setup2
PostPet™ SET UP
CLICK AND GIVE NAME TO PET. ENTER YOUR NAME.
THIS NAME DIFFERS FROM YOUR NAME USED
IN MAIL EXCHANGE. PET'S NAME, ONCE SET,
CANNOT BE CHANGED.
103A
103C
103B
103D
TEDDY BEAR
HYBRID CAT
TORTOISE
MINI-RABBIT
PET NAME :
MOMO
SEX :
FEMALE
YOUR NAME :
MAMA
YOUR BIRTHDAY :
月
日
HEALTH 72
SLIMNESS 55
MECHA-NISM 70
BRAIN 60
FEATURE :
IN FELLECT IS THAT OF BABY THREE YEARS OLD.
SOMETIMES PICKS FLOWER OR HONEY.
POSSIBLY SUITED FOR BEGINNERS.
REVERT
ONCE MORE
SETTING COMPLETED

FIG.56

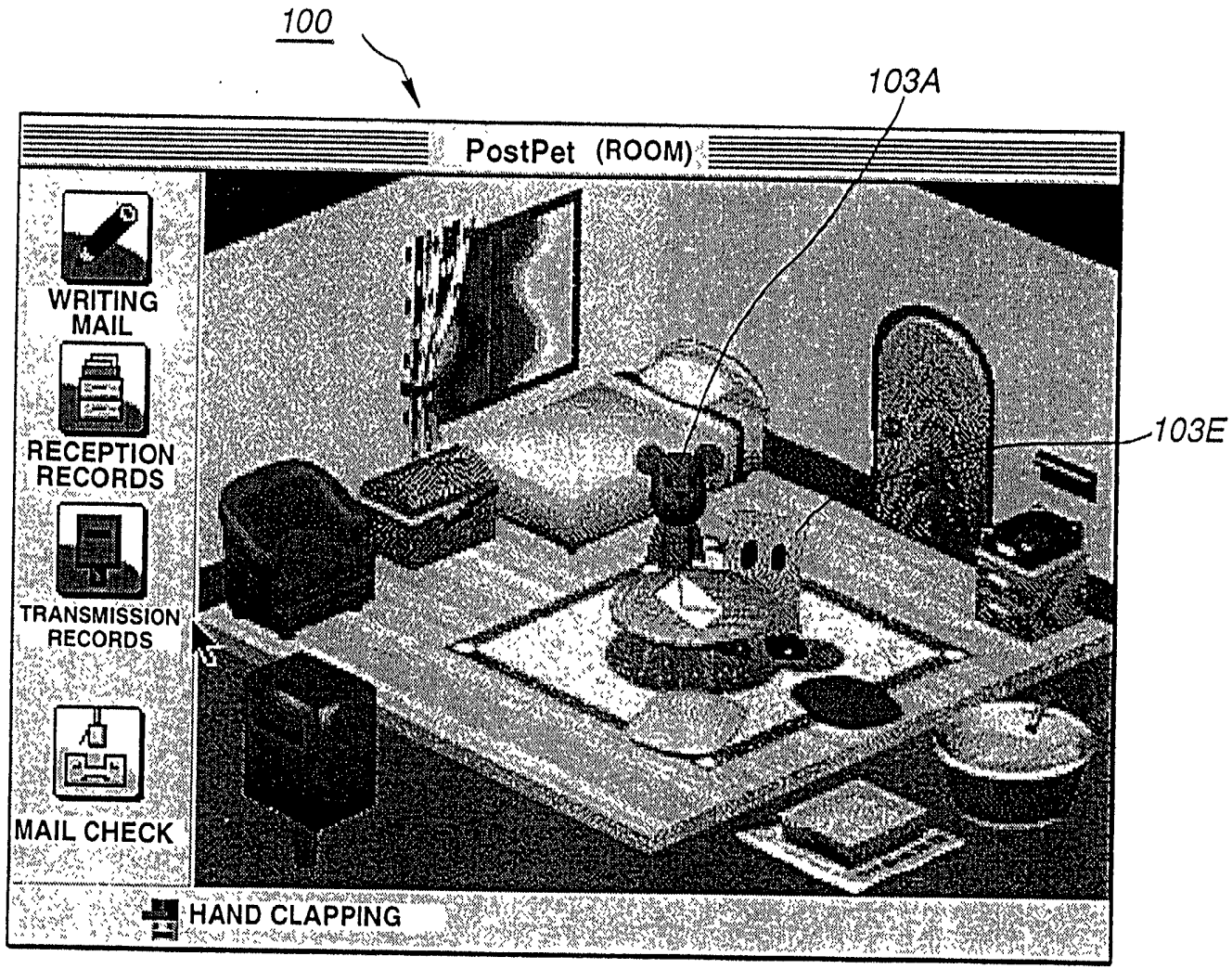
100
103A
103E
PostPet (ROOM)
WRITING MAIL
RECEPTION RECORDS
TRANSMISSION RECORDS
MAIL CHECK
HAND CLAPPING

FIG.57